



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M3384>

CHEMIST and DRUGGIST

MARCH 7, 1942

The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 2 3 9
CXXXVII

MARCH 7, 1942

Annual Subscription (with
Diary) 25/-, Single Copies 9d.

Recommend

LIXEN

TRADE MARK

The Good-Natured Laxative



ALLEN & HANBURY'S LTD, LONDON, E.2

PHONE: BISHOPSGATE 3201 (12 LINES).

WIRES: "GREENBURYS, BETH, LONDON"

a
**SOUND
LINE**

Euthymol

TOOTH PASTE

**NO REDUCTION
IN PRICE
NO REDUCTION
IN PROFIT
NO SMALL SIZES
ALWAYS ON THE P.A.T.A.**

**PARKE, DAVIS & CO.,
L O N D O N W.I.,**

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

ELASTO Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your door. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Hardened Arteries, Heart Troubles, Rheumatism, and Circulation, etc. A tablet Remedy, easy to handle and reliable.

NEW REDUCED PRICES:

Retail Price 5/- per pkt.
* Including purchase tax.

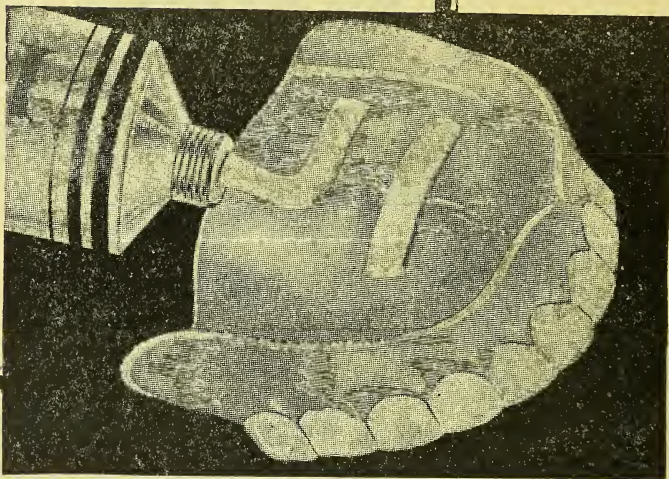
Wholesale 42/- per doz.
* Including purchase tax.
P A.T.A.

SHOW CARDS STILL AVAILABLE FREE ON REQUEST

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1



DENTISTS SAY:

I must inform you of the wonderful success of Dentessive. It has come to stay, I think, in Dentistry. There is nothing but "praises" by patients. I have given it all the tests and can say it is wonderful.

(Signed) W..... T....., L.D.S.

PATIENTS SAY:

Dentessive is such a great improvement on all fixative powders that I shall always regard you as one of the "benefactors of the human race!"

(Signed) A..... O..... C.....

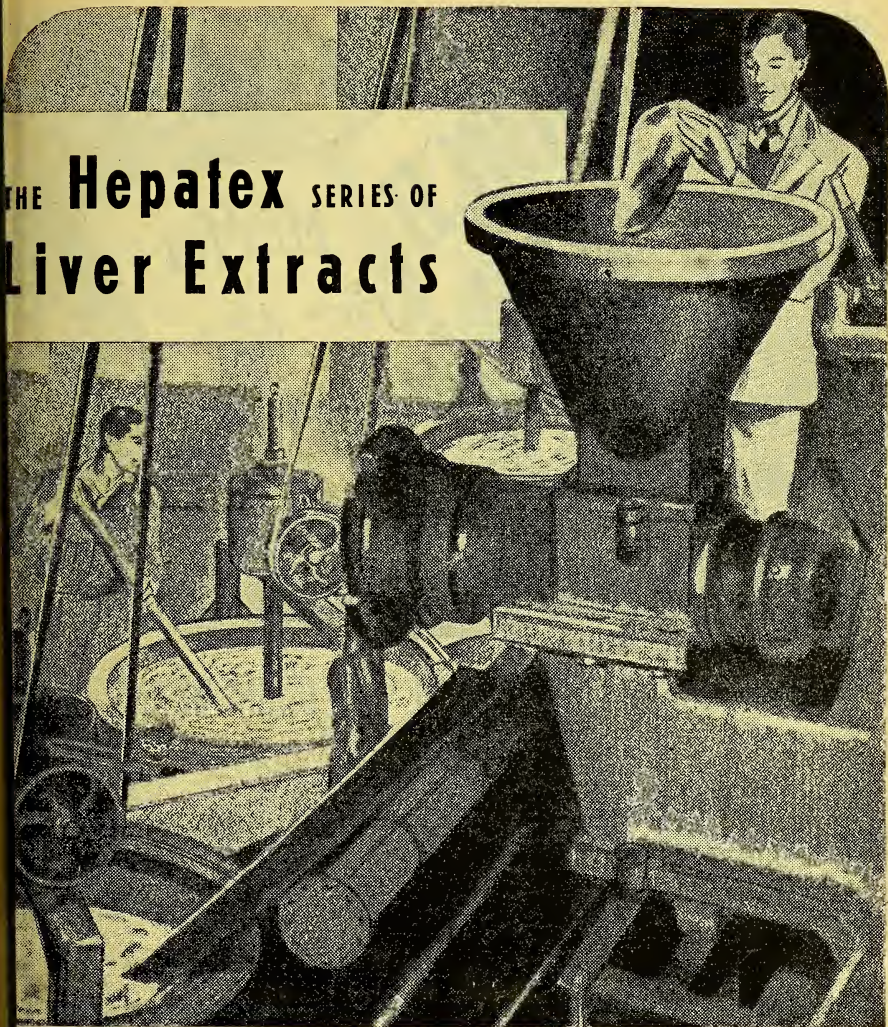
Dentessive

REGD. TRADE MARK

THE IMPROVED DENTURE FIXATIVE

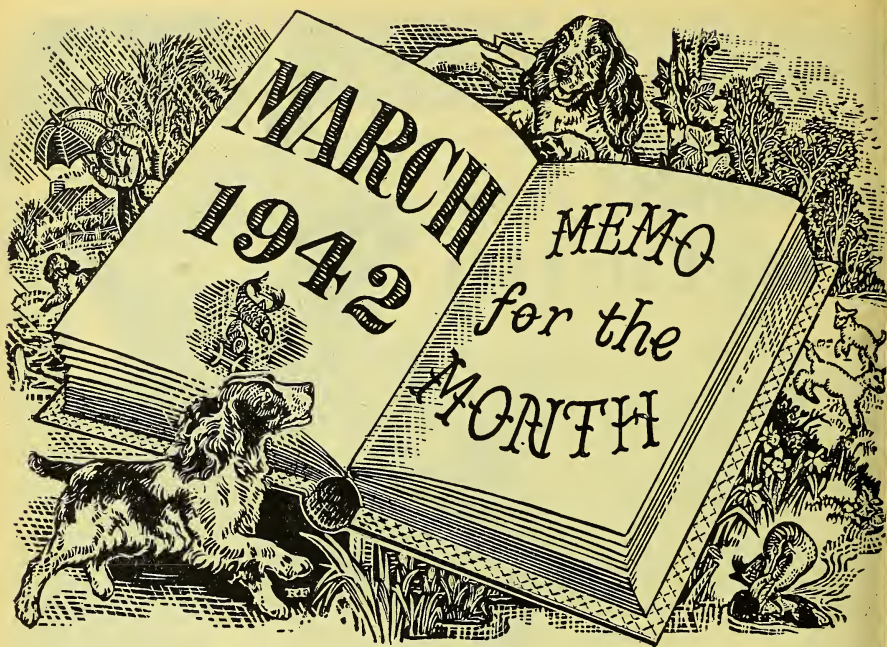
Sole Distributors for Dentessive Ltd: DON S. MOMAND LTD., 10-15, CHITTY ST., W.

THE Hepatex SERIES OF Liver Extracts



THE
EVANS
BIOLOGICAL INSTITUTE

EVANS SONS LESCHER & WEBB LTD



SPRING CONDITIONING OF DOGS MEANS EXTRA SALES OF BOB MARTIN'S CONDITION POWDERS

March is the month when many dogs are in low condition as a result of the inactive life they have led all winter. During the past winter, the adverse effects of restricted exercise have been aggravated by inferior wartime feeding. More dog-owners than ever, there-

fore, will see the need for giving their dogs a Spring Conditioning with Bob Martin's. This good rule will also be featured in Bob Martin national advertising. Link up by using your Bob Martin display and benefit from this steady, regular business.

BOB MARTIN LTD · SOUTHPORT

INDEX TO ADVERTISERS

Accles & Shelvoke, Ltd.	19
Allen & Hanburys, Ltd.	Front Cover
Antigen Laboratories, Ltd.	16
Aspro, Ltd.	ix
Astrin Bros.	ii
Beechams Pills, Ltd.	xiv
Bell, John, Hills & Lucas, Ltd.	Leader Page
British Cod Liver Oil Producers (Hull), Ltd.	ix
British Drug Houses, Ltd., The	24
British Schering, Ltd.	5
Britton, Malcolm & Waymark, Ltd.	8
Brooks & Warburton, Ltd.	8
Burgoyne Burbidges & Co., Ltd.	i
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	23
Bush, W. J., & Co., Ltd.	13
Cartwright, W. B., Ltd.	viii
Cater, Stoffell & Fortt, Ltd.	viii
Chemunox, Ltd.	vi
Chesebrough Manfg. Co., Ltd.	xiii
Clemo Manfg. Co., Ltd.	xii
Clirical Products Ltd.	Leader Page
Copper Laboratory, Ltd.	18
County Perfumery Co., Ltd.	9
Cox, Arthur H., & Co., Ltd.	Cover iv
Croda, Ltd.	Leader Page
Cussons, Sons & Co., Ltd.	Cover iii
Dales Aspirin Co.	19
Daniel, Richard, & Son, Ltd.	19
Dearborn (1923), Ltd.	10
Duncan, Flockhart & Co.	v

(continued overleaf)

ESTABLISHED 1878

FOR

LABELS CARTONS ENVELOPES

AND EVERY DESCRIPTION
of
MEDICAL PRINTING

Write to

ALF. HARRISON & SONS, LTD.

THE CHEMISTS' PRINTERS

BURLEY ROAD
LEEDS, 4



A NEW TRADE MARK WITH A MESSAGE!

THE acquisition of all Schering interests in this country, by British Schering, include the well-known "hexagon" trade-mark.

Shown above is the new British Schering trade-mark which incorporated the old design expressly to preclude its use here by outside interests, after the war.

Also acquired were substantial stocks of products manufactured under Schering processes in Germany, France, and U.S.A.

Henceforward all such stocks (other

than those already in wholesalers' and retailers' hands) as well as British Schering products manufactured in England, will bear the new design in the form of a seal, or printed, upon each pack. All titles, formulæ and trade names are now fully protected by patent rights under British Law, and this fact obviates any possibility of Schering products in this country reverting to German interests after the war. British Schering is now British throughout and will remain so.

ALBUCID · ARCANOL · ATOPHAN · ATOPHANYL · CORTIRON · CYLOTROPIN
FORTAMIN · MEDINAL · NEOTROPIN · NEUTRALON · PROGYNON · PROLUTON
PROVIRON · SOLGANAL · SYNTHALIN · TESTOVIRON · UROSELECTAN B
VALISAN · VASANO · VERAMON

BRITISH SCHERING

British Schering Research Laboratories Ltd. Alderley Edge, Cheshire.

British Schering Manufacturing Laboratories Ltd. Pendleton, Lancs.

BRITISH SCHERING LTD. 185-190, HIGH HOLBORN, LONDON, W.C.1.

INDEX—(contd.)

Elvesol Laboratories.....	vi	Momand, Don S., Ltd.....	5
English Grains Co., Ltd.....	x	Multishave, Ltd.....	17
Evans, Adlard & Co., Ltd.....	iv	New Era Treatment Co., Ltd.....	17
Evans Sons Lescher & Webb, Ltd.....	3	Optrex, Ltd.....	1
Freudentheil, Smith & Co.....	Leader Page	Oxo, Ltd.....	vi
Gardiner & Co. (The Scotch House), Ltd.....	18	Parke, Davis & Co.....	Cover i
Gardner, W., & Sons (Glos.), Ltd.....	22	Perken, Son & Co., Ltd.....	25
Gelatin Products, Ltd.....	xiii	Pery & Hope, Ltd.....	v
Graesser, N. H.....	v	Pharmax, Ltd.....	v
Graesser Salicylates, Ltd.....	v	Pitman, Sir Isaac, & Sons, Ltd.....	14
Griffiths Hughes, E., Ltd.....	x	Potter & Clarke, Ltd.....	21
Grosse, J.....	18	Prince Regent Tar Co., Ltd.....	27
Harley, T., Ltd.....	22	Ransom, Wm., & Son, Ltd.....	11
Harrison, A., & Sons, Ltd.....	5	Ravensworth (Printers), Ltd.....	Leader Page
Hough, Hoseason & Co., Ltd.....	19	Rendell, W. J., Ltd.....	12
International Laboratories, Ltd.....	vi, xii	Rona Laboratories, Ltd.....	x
Jason & Stuart Products, Ltd.....	Col. Supp.	Ronaldson, J., & Co., Ltd.....	x
Jeffreys, Miller & Co., Ltd.....	vi	Ryvita Co., Ltd.....	10
Kearsley, C. & G., Ltd.....	viii	Scott & Turner, Ltd.....	vii
Keen, Robinson & Co., Ltd.....	17	Scurr, C. A.....	Col. Supp.
Kellys, J., (London), Ltd.....	iv	Singha, The Dr., Co., Ltd.....	2
Lofthouse & Saltmer, Ltd.....	xii	Smith, T. & H., Ltd.....	17
Marlene Products.....	Col. Supp.	Smith, T. J., & Nephew, Ltd.....	14
Martin, Bob, Ltd.....	4	Splendor, Ltd.....	10
Matthews Laboratories, Ltd.....	Leader Page	Sumner, R., & Co., Ltd.....	i
Merz & Co., Ltd.....	20	Thornton & Ross, Ltd.....	10
Middleley & Parkinson, Ltd.....	Leader Page	United Chemists Association, Ltd.....	
Minox, Ltd.....	ii	Whiffen & Sons, Ltd.....	15
		Wilcox, Jozeau & Co., Ltd.....	Leader Page
		Wood Bros. Glass Co., Ltd.....	1

A NOTE TO OVERSEAS BUYERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

Disinfectants

to Hospitals, Public Institutions, Local Councils, &
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers
the **PRINCE REGENT TAR COMPANY, LTD**

give you special terms.

Carbolic Disinfecting Fluids containing 3% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water. Co-efficients 10/12, 18/20, 20/22, 24/26.

Lysol B.P. Quality. Pine Disinfecting Fluids.

Pink Carbolic Disinfecting Powders containing 5% to 20% Tar Acids.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name.

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to Liquid Carbolic and Cresylic Acid, Dark 95/97 and 97/99%.

Sulphur Candles. Formaldehyde (Formalin) 40% Solution Liquid Soaps.

SOLUBLE Carbolic or Pine Blocks for road watering and Carbolic Weed Killer, etc.

PRINCE REGENT TAR COMPANY, LTD
(Managers: **BURT, BOULTON & HAYWOOD, LTD.**)

BRETENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.

Phone: Temple Bar 5801 (5 lines)

Telegrams: "Burboul, Rand, London"

PHARMACY
for the Pharmacist

Just a few of the many links in
the Ucal Chain of Products
for the Pharmacist only

Ucal
for the Pharmacist

one
these
ods
n be
tained
stores,
ocers,
-ops.,
spite
the
armacy
d
edicines
t

The strength of the
chain depends on your support

UNITED CHEMISTS ASSOCIATION LIMITED · CHELTENHAM & LONDON

The 'Clinbritic' Vaccine Bottle

Patent No. 492200

MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



Assembly Details



A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal. No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.



Completed

Samples, Prices and Full Details on Request

Britton, Malcolm & Waymark, Ltd.
38 Southwark Bridge Road, London, S.E.1



There's not enough
WINOX

THE BEEF
AND MALT
TONIC WINE

for everyone who wants it
—so please give preference
to those who need it!

Digestions weakened by illness can assimilate the nourishment of beef and malt in Winox because it is already pre-digested by special enzymic process. For nearly 30 years doctors and nurses have testified to its good results.

Sole Distributors to the Pharmaceutical Trade

BROOKS & Warburton Ltd
232-242 Vauxhall Bridge Rd., London, S.W.

WARNING!

County Perfumery Co. Ltd.,
North Circular Road,
West Twyford,
London, N.W.10.

24th December 1941

Dear Sirs,

I very much regret that when 'Brylcreem' has been asked for I have passed off and sold a substance which is not the genuine article put upon the market by your Company and I undertake that I will not again when 'Brylcreem' is asked for sell or offer for sale any substance which is not the 'Brylcreem' brand of hair cream manufactured and marketed by you.

In consideration of your forbearing to take proceedings against me for injunction and damages I agree to pay your solicitors the sum of £5.5.0. costs which have been incurred in connection with this matter.

You are entitled to make such use as you may think fit of this apology and undertaking.

Yours truly,

(signed) R.H.W.

misuse of **BRYLCREEM** *Bottles and* *Trade Mark* *infringements*



THE letter reproduced above was received from a retailer. We have deliberately withheld his full name and address, both of which we were fully entitled to publish, because we have no wish to be vindictive. To sell any product in Brylcreem bottles bearing the registered trade mark Brylcreem embossed thereon, or to sell under Brylcreem labels a product other than Brylcreem is an offence against the Merchandise Marks Act, an infringement of our rights and a deception of the public. We shall, in future, take proceedings against persons found passing off Brylcreem in the manner to which we refer.

BRYLCREEM

**THE PERFECT
HAIR DRESSING**

*For the best
in*

**MODERN
PHARMACY**

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

CURIOSITIES OF ANCIENT PHARMACY

No. 8



"Checkmate"

In early Arabian universities the game of chess became part of the training of physicians and pharmacists. It was frequently recommended as a method of treatment.—From "The Curious Lore of Drugs and Medicines."

WANTED

Mercolized Wax Jars and Caps

In order to conserve supplies for Home and Export purposes, we ask the help of the trade in securing the return of empty Mercolized Wax Jars and Caps.

From this date we will pay 1/- per dozen, plus postage, for all genuine Mercolized Wax jars received complete with caps. We are not proposing ourselves to make any payment to the public, but chemists are of course at liberty to do so if they wish.

We shall be very grateful for *your* help in this matter.

DEARBORN (1923) LIMITED

HELLIDON HOUSE, HELLIDON, Nr. DAVENTRY
NORTHANTS

Extracts

TINCTURES • RESINOIDS
OLEO RESINS • MEDICINAL RESINS



**EXT. HYOSCYAMI
SICC. P.B.**

**Prepared from herb grown on our
own farm**

Wm Ransom
AND SON LTD.

MANUFACTURING CHEMISTS, HITCHIN, Hertfordshire

ESTABLISHED 1846

ASK YOUR
CHEMIST...



I N our press advertisements we advise women to ask their chemist for a free copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us to-day for a supply of Booklets and our latest Chemist Display Aid?

Rendells
PRODUCTS

3

FOR FEMININE HYGIENE

W.J. RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON, E.C.1

BUSH

BENZALDEHYDE

ACID BENZOIC

SODIUM BENZOATE
B.P.

BENZYL ALCOHOL
B.E.S.A.

BENZYL BENZOATE

Manufactured by

W. J. BUSH & CO. LTD.

ASH GROVE, HACKNEY, LONDON E.8
Phone: GL1ssold 0461 (5 Lines) 'Grams: Tangerine, London'

Branches and Factories:

HACKNEY, London; MITCHAM, Surrey; WIDNES, Lancs.

MELBOURNE, SYDNEY (N.S.W.), BRISBANE, ADELAIDE, PERTH, AUCKLAND (NEW ZEALAND), JOHANNESBURG,
NEW YORK, NATIONAL CITY (CALIFORNIA), LINDEN (NEW JERSEY), MONTREAL, TORONTO, WINNIPEG, VANCOUVER.



MINIMUM
RETAIL PRICE

1/6 (INCLUDING
PURCHASE TAX)

EACH PACKED IN A
SEPARATE CARTON
WITH INSTRUCTIONS
FOR USE.

ATTRACTIVE WHOLE-
SALE TERMS ON
APPLICATION TO THE
MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE
LAST FOR HUNDREDS OF SHAVES.
THESE HONES ARE MADE IN GLASS
OF UNIQUE PROPERTIES WITH A
SPECIALLY PREPARED SURFACE AND
ARE PATENTED THROUGHOUT THE
WORLD.

WOOD BROS. GLASS CO., LTD.

(DEPT. H.1)
ESTABLISHED 1828

BARNESLEY

TELEPHONE 3637-8-9

ENGLAND

TELEGRAMS: "WOODS, BARNESLEY"

WANT RAZOR BLADES? *GET MULTISHAVES!*

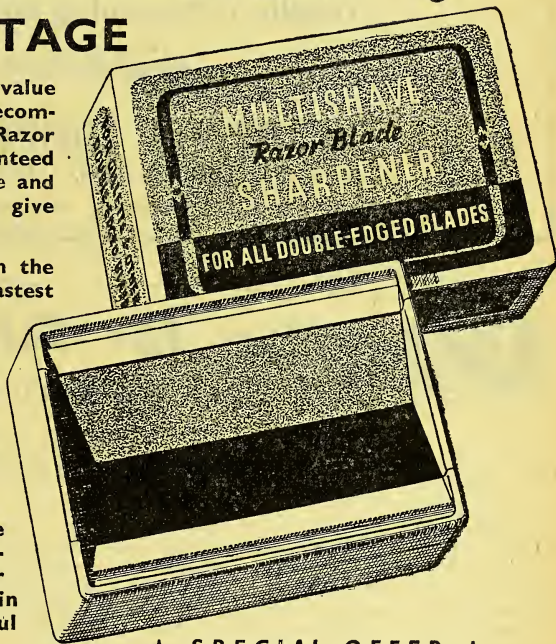
The Solution to the RAZOR BLADE SHORTAGE

Progressive Chemists who value their customers' confidence recommend the Multishave Safety Razor Blade Sharpener — the guaranteed sharpener that makes Gillette and other double-edged blades give many extra smooth shaves.

The sharpening agent used in the Multishave is the finest, fastest cutting abrasive known.

The bluntest blade, even if it has been stropped or rubbed in a tumbler or other glass article until it is beyond hope, can be given a new edge in ten seconds with the Multishave.

There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the Forces, and is a thoughtful gift.



your customers must shave. If you are short of blades, sell Multishaves. You make fourpence-penny profit on each Multishave outfit. Retail price is 1s. 6d., including purchase tax. Trade price 1s. per dozen, plus tax. Packed three dozen to a carton, complete with smart showcard.

★ SPECIAL OFFER ★

To create a large sale immediately for Multishaves in your district, to your advantage, in consideration of your order for 12 cartons each 3 doz. Multishave Safety Razor Blade Sharpeners

YOU GET FREE OF CHARGE

13 weekly advertisements in your local evening or weekly newspaper, mentioning your name only as Multishave stockists.

This advertising sells many Multishaves for you.

ORDER MULTISHAVE OUTFITS FROM YOUR WHOLESALER

or send direct to

MULTISHAVE Limited, Fortress Grove, LONDON, N.W.5

Telephone: GULLIVER 1467

RYE

Potential users of the above (e.g. in place of maize or rice), are invited to send their enquiries to the only Company in the U.K. SPECIALISING in RYE, and having the most up-to-date Mills devoted EXCLUSIVELY to such work. Technical guidance and assistance regarding supplies readily forthcoming on request.



THE RYVITA COMPANY LTD

310 LONDON ROAD, LEICESTER

Telephone: LEICESTER 77320 (2 lines)

Telegrams: RYVITA, LEICESTER



*"Pass the Salt please -
BUT NOT THE SODIUM CHLORIDE !"*

THE 'SALT' THAT IS PRESCRIBED FOR SALT FREE DIETS

Ruthmol is absolutely free from chloride, the injurious radical of common salt. Yet it is indistinguishable in taste from common salt, it gives equal relish, and is not merely innocuous but actually highly beneficial. Where common salt is contra-indicated physicians prescribe Ruthmol to provide the salt flavour, which, to most people, is inseparable from the enjoyment of many items of diet. It is prepared solely from fruit extractives and inorganic ingredients.



An admirable substitute for table salt in cases of obesity, cardiac disease with decompensation renal affections, hypertension, tuberculosis and wherever the consumption of chloride is contra-indicated.

Ruthmol REGD
THE CHLORIDE-FREE TABLE SALT



THE ANTIGEN LABORATORIES
35 GREAT PORTLAND STREET - LONDON, W.1
Telephone: Langham 3744. Telegrams: Anllab, Wesdo, London

Adequate Supplies Available

As prices for Barley have again moved sharply upwards we have to advance our quotations for

ROBINSON'S 'PATENT' BARLEY

as from Monday
March 2nd, 1942

Revised prices to consumers
are

1-lb. size - $2\frac{1}{2}$ per tin

2-lb. " - $1\frac{1}{3}$ " "

There is no alteration in the
prices of

ROBINSON'S 'PATENT' GROATS

•

KEEN, ROBINSON & CO. LTD.
NORWICH

LARGE SIZE BOTTLES of FAMEL SYRUP Brand for special cases

Cases have been brought to our notice which suggest that the withdrawal of the large size Famel Syrup imposes real hardship on some people to whom Famel is a vital necessity.

We have therefore prepared a scheme which should meet these cases and we ask for your professional collaboration in seeing that it operates to the best advantage.

HOW THE SCHEME WORKS

It is quite simple; ask your customer to obtain from his doctor a letter or certificate stating that the patient requires a certain number of large sized bottles of Famel Syrup during a specified period. You or he should then forward this authorisation to us and we will send the necessary supplies to you, to be sold to the customer in the usual way.

BENEFITS OF THE SCHEME

This method has the following advantages. First, it ensures that those who need Famel most will get proper supplies. Secondly, it provides a check on selfish people who might absorb an unfair proportion of the limited supplies available. Thirdly, it enables you to offer a real service to genuine sufferers, and fourthly, it ensures that the demand flows through the proper channels — i.e., the Chemist.

We invite you to bring this special scheme to the notice of those customers, who in your opinion, are most in need of it. If there is any detail of the arrangements which is not quite clear, will you please write to us.



Optrex Ltd., Wadsworth Rd, Perivale, Middlesex



ESTABLISHED
1904

Specialists
in the manufacture
of
Tablets
and
Pills

Over 30 years of Specialised
Manufacturing Experience
assure you of

QUALITY and ACCURACY

Our **PRICES** are **COMPETITIVE**

"Own Brand" printing for packed lines if required
Special Quotations for Wholesale Quantities
packed or in bulk

PROPRIETARY REMEDIES

We exercise the greatest care in the manufacture
of proprietary lines and can supply either
bulk or ready packed for market including
printing special designs of labels and cartons

The
Cooper Laboratory
Watford
Telephone: 3612
Telegram: "Science"

GARDINERS
for **OVERALLS**



**HIGH GRADE
LONG OVERALL
COATS**

Super Quality, specially shrunk
White, 15/9, 17/9, 21/-
Khaki, 14/9, 15/9, 16/9

Coats: 3 coupons

SHOP JACKETS

Super White Drill, 9/11, 11/9

Jackets: 2 Coupons

Send P.C. to Department G.
for illustrated list showing
styles. Prices subject to altera-
tion. State style required and
we will gladly quote you. Cash
with order, or usual trade
references. Satisfaction guaran-
teed.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1

*Phone: B15 6751 (3 lines)

Opposite the New Aldgate East Station

TRANSPARENT



HELLA
Latex
PREVENTIVES

BY TEST
THE BEST

PRICES UPON APPLICATION

JULIAN GROSSE

TENANT HOUSE, 50 GT. PORTLAND ST.
LONDON, W.1 Phone: Museum 0060

Elastoplast
TRADE MARK BRAND

FIRST-AID DRESSINGS

The most advertised
First-Aid line

T. J. SMITH & NEPHEW, LTD.

NEPTUNE ST., HULL

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PRORIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
classes of Pharmaceutical Preparations in bulk or packed*

RICHARD DANIEL & SON, LTD. DERBY.

TELEPHONE DERBY 4266/7/8

TELEGRAMS: DANIA DERBY

**FOR EASE
AND SAFETY
IN DESTROYING
CATS AND DOGS**

Use The
CASHTM
CAPTIVE BOLT PISTOL

Gives instantaneous unconsciousness — Safe, simple, clean, economical — and suitable for any sized animal. Recommended and used by the R.S.P.C.A.



Accles & Shelvoke

Limited

ASTON - BIRMINGHAM - 6

New Seventh Edition

DISPENSING FOR PHARMACEUTICAL STUDENTS

By JOHN W. COOPER, Ph.C., and
FREDERICK J. DYER, Ph.D., B.Sc., Ph.C., etc.

A completely up-to-date edition of this well-known work, incorporating the changes necessitated by the publication of the Second and Third Addenda to the British Pharmacopœia, 1932, together with other additions.
15s. net.

THE PHARMACEUTICAL JOURNAL says: "The information is sound, well arranged and concise, and the student who works through these exercises should have no difficulty in satisfying the requirements of any examiner in this subject."

PITMAN, 39 Parker St., Kingsway, W.C.2

Individual PROPRIETARY FORMULAS

ENQUIRIES INVITED FROM LARGE PACKERS
AND BUYERS INTERESTED IN PROPRIETARY
FORMULAS TO SUIT INDIVIDUAL REQUIREMENTS

W. H. ROSEASON & Co. Ltd. MANCHESTER, 3



TAMPAX

Sanitary Protection WORN INTERNALLY

Sole Distributors: Splendor Ltd., 5 Beasmarket Hill, Nottingham, for Tampax Ltd., Belvue Road, Northolt, Middlesex

Makers of **COMPRESSED TABLETS**
for the Manufacturing and Wholesale Trade only

The DALES ASPIRIN COMPANY (H. A. TOLKIEN PROPRIETOR)

Output of Saccharin

and Aspirin Tablets sold for some months ahead

SILSDEN, Nr. KEIGHLEY, Yorks.

EVERY CHEMIST SHOULD STOCK

these saleable lines now manufactured in Great Britain by

MERZ & CO. LTD.

MERZOLS

THE SUPER THROAT PASTILLE
1/5 per tin inc. tax. 10/3 per doz.

CORIZONE

(formerly Coryza-Serol)

A MOST EFFECTIVE FAT-FREE
NASAL JELLY

1/3 and 2/3 inc. tax
9/- and 16/- per doz.

RECTO-THANOL

(formerly Recto-Serol)

The Reliable Remedy for
HAEMORRHOIDS

1/11 and 3/9 inc. tax
14/- and 27/- per doz.

FOR FEMALE HYGIENE

NUGYNEX

2/6 per tube of 12 tablets
20/- per dozen

PATENTEX

Complete outfits 7/6 (Refills 7/-
57/- and 52/- per doz.

REGIONAL DISTRIBUTORS

JOHN KNOX (Stoke-on-Trent),
LTD., Cannon Street, Hanley.

Staffordshire, Worcestershire,
Warwickshire, Shropshire, Here-
fordshire and Cheshire.

RICHARD DANIEL & SON, LTD.,
Mansfield Road, Derby.

Derbyshire, Nottinghamshire and
Loughborough.

HERBERT FERRYMAN & CO., LTD.,
Cobden Bridge, Southampton.

Hampshire, Sussex, Kent, Surrey,
Wilts, Somerset, Dorset and
I.O.W.

C. A. CRITCHLEY & CO., LTD.,
Cardwell Place, Blackburn.

Lancashire.

THOS. McMULLEN & CO., LTD.,
Victoria Street, Belfast.

Northern Ireland.

THE SCOTTISH CHEMISTS SUPPLY
CO., LTD., 2 St. Andrews Square,
Edinburgh, 2.

Scotland.

Messrs. SMITH & SONS (NOR-
WICH), LTD., 44, 46, 48 Magdalen
Street, Norwich.

Norfolk and Suffolk.

ATTRACTIVE SHOW MATERIAL AVAILABLE

MERZ & CO. LTD., 1 Terrace Road, BUXTON

And at 8 SOUTHAMPTON PLACE, LONDON, W.C.1

Phones: Buxton 1295, Holborn 4810.

Telegrams: Merzco, Buxton



BY AUTHORITY OF
THE MINISTRY OF HOME SECURITY

Messrs. POTTER & CLARKE LTD
are now permitted to manufacture
and supply for civilian use . . .

ANTI-GAS OINTMENT No. 2

according to the Official Formula and Specification

Labelled according to the requirements of the
PHARMACY AND MEDICINES ACT 1941

Supplied in two sizes only:—

SMALL JAR 1 oz. (approx.) Retail Price 6d. (Inc. P. Tax)
Wholesale 4/- per doz. plus 8d. Tax

LARGE JAR 4 oz. (approx.) Retail Price 1/1½ (Inc. P. Tax)
Wholesale 9/- per doz. plus 1/6 Tax

POTTER & CLARKE LTD

60-64 Artillery Lane, **LONDON, E.1**
77 Dantzic Street, **MANCHESTER, 4**

'Phone: B1Shopgate 4761 (6 lines)
'Phone: B1Ackfriars 8734

The Public is being told to take immediate steps to destroy **RATS**

Wherever the presence of rats or mice is suspected it is a national duty to take measures to destroy them. Your advice will be sought by householders, tradespeople, and farmers. Recommend Rodine to them. Display it on your counters and in your windows. It is the most reliable of all raticides.

T. Harley Limited, Perth, Scotland



RODINE

will be in still greater demand



THE "MATER"

CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 100.

**ALL TYPES OF
CLINICAL
AND OTHER
THERMOMETERS**

**PERKEN, SON
& CO. LTD.**

(ESTABLISHED 1852)

Price List on Application:

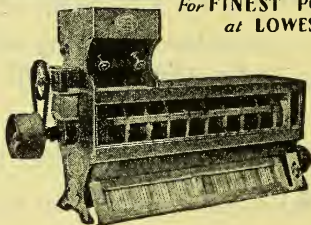
**8 HATTON GARDEN,
LONDON, E.C.1**

Telephone: 0724 Holborn

Telegrams: "Optimus, Smith, London"

USED SUCCESSFULLY ALL OVER THE WORLD

For **FINEST POWDERS**
at **LOWEST COST**



All enquiries to
Wm. GARDNER & Sons
(Gloucester) Ltd.
Bristol Road
GLOUCESTER, Eng.

Telephone:
Gloucester 2288
(3 lines)

GARDNER'S
Patent "QUICK-CHANGE"
fine
POWDER DRESSER

A Wartime Emergency Edition

THE 'WELLCOME'

PHOTOGRAPHIC EXPOSURE GUIDE

Although The 'Wellcome' Photographic Exposure Calculator and Diary has had to be suspended for the duration, we have produced a special Guide to Exposure as a wartime alternative.

In wartime the photographer must make doubly sure of accurate exposures and satisfactory first-time results if he is to avoid wastage.

This limited edition will be in brisk demand. Supplies should be ordered at once to avoid disappointment.

The new Photographic Exposure Guide will retail at 1/- and contains: the well-known 'Wellcome' Exposure Calculator complete with a revised list of film and plate factors, and full instructions for its use. There are also useful sections on exposure and development.

Limited supplies will be released on or about March 15 — order now.

BURROUGHS WELLCOME & CO

(THE WELLCOME FOUNDATION LTD)

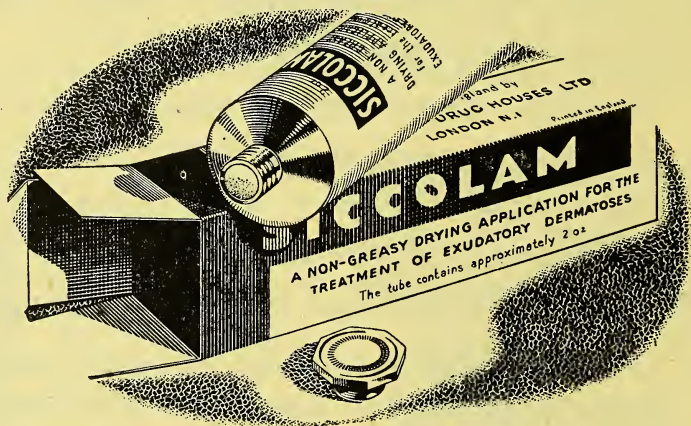
183-193 · Euston Road : London · N·W·1 Telephone · EUSton 4477



SICCOLAM

A fat-free desiccant paste for the treatment of inflammatory conditions of the skin

Siccolam is the culmination of a long series of investigations, and its dermatological value has been confirmed by extensive clinical trial. A conclusion has been reached (Brit. Journ. Dermat. & Syph., June 1910, p. 177) that ' . . . technical properties render this preparation superior to many lotions, such as a calamine, zinc oxide lotion, etc., so commonly used in this country hitherto for the same indications.'



The advantages of Siccolam include—

1 Active in all inflammatory dermatoses. 2 Absolutely innocuous. No contra-indications to its use. 3 Effects immediate adsorption of fluid exudate. 4 Causes rapid reduction of inflammation and pruritus. 5 Active in both acute and chronic conditions. 6 Causes no irritation in conditions in which the use of fatty preparations is contra-indicated. 7 Simple and clean in use, and dries rapidly.

PRICES: Standard Prices including Tax, 2 oz. tubes 2s. 3d. each; 4 oz. tubes 4s. 6d. each. Wholesale Prices including Tax, 2 oz. tubes 16s. 6d. per doz.; 4 oz. tubes 28s. 6d. per doz.

Announcements similar to this are appearing in the medical press.

A product of THE BRITISH DRUG HOUSES LTD. LONDON



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Agency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Bath 5492

CONTENTS

	Page		Page		Page
Legal Compendium	288	Editorial Articles:—		Parliamentary News	281
American Notes	273	Price-regulated		Personalities	283
Organic Acid Lint, B.P.C.	277	Goods	285	Protection of Concrete	
& D. Dispensing		Lost Time in Indus-		Tanks	288
Price List	287	try	286	Recent Wills	283
Coming Events	281	Insurance Act Dispos-		Statutory Committee	
Company News	275	ing	281	Meeting	276
Correspondence:—		Legal Reports	275	Topical Reflections	274
Letters	295	Life Blood of the Army	278	Trade Marks	287
Miscellaneous Inqui-		Medical Abstracts	282	Trade Notes	280
ries	296	News of the Week	271	Trade Report	289
Deaths	283				

NEWS OF THE WEEK

War Risks Insurance.—The Board of Trade has decided that in respect of the period beginning March 3 and ending March 2 the rate of premium payable under the policy of insurance issued under the Commodity Insurance Scheme shall continue to be at the rate of 7s. 6d. per cent. month.

Recommended Holidays.—The Ministry of Labour has suggested that general holidays in the coming twelve months should be as follows: Summer, not exceeding one week; Bank holidays, Easter, Whit and August Mondays; Christmas or New Year, 3 days' break. It is urged that there should be no stoppage on Good Friday.

Institute of Export.—At the seventh annual meeting of the Institute of Export, recently, the following officers were elected: *President*, Sir Patrick Hannon, M.P.; *Vice-president*, Major the Hon. L. H. Dimsdale, C.B.E. (in addition to existing vice-presidents); *Council*, Messrs. W. Keefe Adam, Charles H. Adams, W. A. Heatham, W. H. Edridge, J. Fox-Williams, W. Franklin, James Gray, A. M. Gundle, A. J. Townsend. At a subsequent

meeting of the Council Mr. R. J. Turner was re-elected *Chairman* for the eighth year in succession, and Mr. T. Boyd Boyd was elected *Vice-chairman*.

£20,000 Waste Paper Contest.—Winners of prizes in the £20,000 national waste paper salvage contest (*C. & D.*, January 3, p. 9) have been announced. No fewer than 1,234 cities, towns and villages took part in the contest and the total amount of paper salvaged was 94,421 tons. With the addition of the collections made by con-competing local authorities, the grand total for the month was more than 100,000 tons. In accordance with the conditions of the contest, one-half of the prize money won in every area will be divided among the Red Cross, Mrs. Churchill's Red Cross Aid to Russia Fund, the R.A.F. Benevolent Fund, and the Soldiers', Sailors', and Airmen's Families Association. The other half will be given to local charities. In extending its thanks and congratulations to all competitors the Waste Paper Recovery Association points out that the conclusion of the contest does *not* mean that the vitally important task of saving waste paper is ended. On

the contrary, there is urgent need at the munition factories for ever-increasing supplies of this potential war material.

Spirit in Toilet Preparations.—The Perfumery and Toilet Preparations Manufacturers' Section and Export Group of the London Chamber of Commerce has been requested by the Ministry of Supply to furnish particulars of the usage of alcohol for perfumery and hair preparations. A questionnaire has accordingly been sent out by the Section to its members asking for information on average strengths of spirituous preparations, whether their manufacture is dependent on irreplaceable stocks of essential oils or other aromatics, and how much spirit is needed to use up such stocks. On the replies received will depend the Ministry's future policy of supply.

Control of Exports.—The Export of Goods (Control) (No. 9) Order (S.R. & O. No. 313), which becomes operative on March 17, extends the existing control in respect of paper, paper board and certain articles manufactured therefrom. Licences will be required in future to export the following: Paper and paper board, and the following manufactures thereof: Bags, boxes, cartons and similar containers; handkerchiefs, serviettes, face and hand towels and facial tissues; toilet paper, whether in rolls or in sheets. The following are exceptions to the licensing requirements: Blotting pads, boxed notepaper, compendiums and writing pads; sensitised photographic printing paper.

Bath N.P.U. Branch.—A meeting of the Bath Branch of the National Pharmaceutical Union was held on February 25, Mr. A. H. Hale presiding. Plans for an emergency supply of medicines in the event of air raids affecting chemists' shops were discussed, and proposals for a mutual assistance scheme were put forward, both being left to a small committee to make final arrangements. The N.P.U. "penalty" agreement was mentioned by a member, and the subject aroused some controversy. Eventually it was decided to call a special meeting to consider the subject.

Guild of Public Pharmacists.—The eighty-sixth meeting of the Council of the Guild of Public Pharmacists was held on February 20, when fifty-seven new members were elected. It was reported that two members had died as a result of enemy action. The meeting decided that an advertisement should be inserted in the appropriate journals requesting pharmacists not to apply for posts where the salary did not

agree with the Guild's scale. A letter was read from the Society of Hospital Pharmacists of Australia (Victoria Division).

A.P.E. Branch Formed at Huddersfield.—A meeting of employee pharmacists was held in Huddersfield on February 23, Mr. G. Greenwood (president, Huddersfield Branch Pharmaceutical Society) occupying the chair. Mr. J. Bissell (organising secretary Association of Pharmaceutical Employees and Mr. Mitchell Jackson (Leeds group) were present and answered questions. It was unanimously agreed to form a Branch of the A.P.E., and Mr. F. A. Goodall was elected *Secretary*.

Eire Chemical Developments Advocated.—A letter from Mr. James J. Kerr, P.C. (registrar of the Pharmaceutical Society of Ireland), to a Dublin evening newspaper recently was front-paged under the double column heading "Ireland Needs Heavy Chemical Industry." In this letter Mr. Kerr after referring to an address given by Professor Dillon to the Chemical Society of Ireland on the need for chemical research, wrote: "While agreeing with Professor Dillon I would like to point out that chemical research does not necessarily yield immediate results. . . . What Ireland needs is the development of a heavy chemical industry. This should be the result of a planned economy, so that there should be no waste products, and the development should be according to our national needs. One of our urgent needs is the production of artificial manures . . ."

Closing Hours in Londonderry.—In a statement of its attitude towards closing hours for chemists embodied in a proposed order by the Londonderry Corporation, the Ministry of Labour (Northern Ireland) urges that regard must be had to the evening hours observed in doctors' surgeries, and panel patients must have free access to chemists' shops in order to obtain medicines and chemical appliances without delay. This was particularly necessary in present circumstances, where failure to obtain these on the same evening might result in an absence from work on the following morning. The matter has been the subject of correspondence with the Ulster Chemists' Association, and it has been arranged to formulate a scheme aimed to secure that insured persons should be able at all reasonable times to have free access to chemists' shops. The Ministry has asked the Corporation to defer consideration of the chemists' application, and this has been agreed to.

AMERICAN NOTES

Hospital Pharmacists Organising.—A National Conference of Hospital Pharmacists is being formed as an outgrowth of the American Pharmaceutical Association.

Priority for Chemical Industry.—The war chemical industry of the United States is to receive the assistance of high priority ratings in securing necessary repair, maintenance and operating supplies.

U.S. Navy Award to Chemical Firm.—The flag of the United States Navy's Bureau of Ordnance has been awarded to the Monanto Chemical Co. for outstanding performance in the production of naval ordnance material.

Warning Label Change.—The Federal Trade Commission of the United States Government has decided that all products which bear a warning on their labels, including laxatives, must contain in the advertising the following statement: "Caution. Use only as directed."

Restrictions on Tin Packages.—Restrictions are being placed by the U.S. Government on the use of tin for tubes, cans and similar containers. Tin not required for military purposes and available to be manufactured into containers is to be made chiefly into cans for food.

Government Control of Insulin.—The Food and Drug Administration of the Federal Security Agency is now in full control of the purity and standard potency of insulin, following approval by President Roosevelt of an amendment to the Federal Food, Drug and Cosmetic Act. Control is effected by a system of assay and certification of the material.

Shortage of Glass Containers.—Soda ash, which is used in making munitions, is coming scarce for other purposes, and the Bureau of Industrial Conservation is working out a form of waxed carton as a bottle substitute. Simplification is one of the cardinal points in the conservation programme. It is suggested perfume-bottle sizes could be reduced to a standard series of six.

Trade Alcohol Restrictions.—An order issued by the United States Division of Prohibitions reduces the amount of ethyl alcohol available for the manufacture of elixir preparations. Allowances of 85 per cent. of the use during the twelve months ended June 30, 1941, for January, and 75 per cent. for each month thereafter have been fixed. Restrictions on the pro-

duction of ethyl and butyl alcohols have also been imposed. Among them are limitation to thirty days' supply for manufacture of yeast, citric acid, edible molasses or insecticide.

Money Award to Research Worker.—A prize of \$1,000 and a bronze medal have been presented to Dr. Alvin M. Pappenheimer by Eli Lilly & Co., Indianapolis, in recognition of his work in developing a new science combining bacteriology, chemistry, physics and nutrition in the treatment of disease. Dr. Pappenheimer is thirty-three years old. He gained his doctorate of philosophy in chemistry at Harvard University, studied at the National Institute for Medical Research, London, and later taught at Harvard and at the University of Pennsylvania. His main studies have been on the nutrition of bacteria and on immunology.

Exposition of Chemical Industries.—Chemistry's contributions to the economy of the United States of America were featured at the 18th Exposition of Chemical Industries, Grand Central Palace, New York, December 1 to 6, 1941. There were 340 exhibitors. The American Chemical Society presented an array of strategic raw materials in the supply position of which rapid improvements are being made. Included in this display were samples of aluminium (production more than four times what it was in 1914-18); magnesium, now derived from the sea; molybdenum, of which the domestic supply is the largest in the world; and manganese, important in many alloys. Among other materials now coming from domestic sources were iodine, phosphorus, synthetic and semi-synthetic resins and drying oils. vanadium oxide mass, plastics, and camphor. Sulphonamides, the barbiturates, and synthetic vitamins, were among the pharmaceutical chemicals shown, as were wood sawdust for manufacturing activated carbon, vinyl resin coatings for tin plate, toluene, synthetic rubbers, etc. One exhibitor displayed samples of more than 600 new chemical products that had been introduced since the last Chemical Exposition in 1939, including intermediate compounds for use in chemical processes. Innovations in equipment design were numerous. A new centrifugal classifier, using centrifugal force as high as 1,000 times gravity, was among apparatus on show.

TOPICAL REFLECTIONS

Pharmacy and National Service

Your editorial comment on the proposed "marriage" of retail businesses (p. 259) shows the extreme difficulty, to put it no higher, of applying the system to pharmacies. Your illuminating discussion will, I trust, be brought to the notice of everyone concerned. In your Correspondence section the letter of Mr. E. C. Haskins (p. 268) well presents a related problem, the shortage of qualified personnel. The conclusion that retail chemists' businesses should be excluded from any such scheme of rearrangement is irresistible. Members of Regional Committees and similar bodies may perhaps argue that the "marriage" of pharmacies would set free for other service a further number of qualified people. Have responsible officials considered, to take only one aspect of the situation, the demands of National Health Insurance dispensing? In many, and probably in most, cases it would be an impossibility for the proprietor of a pharmacy to dispense, or even to supervise dispensing, for two sets of insurance patients simultaneously. Further, the average dispensing department is not constructed to accommodate more than a few operations at a given time: what, then, would become of a double influx of insurance prescriptions brought in during a rush hour? Even if an extra person could find room at the dispensing counter, the resulting congestion would slow down the rate of working. These facts should be hammered into the consciousness of those with whom pharmacists have to deal in this matter. The objections to uniting many newspapers into one were convincingly put recently by a member of the B.B.C. "Brains Trust," and the economies hoped for in the telescoping of pharmacies are no less illusory.

Realism and Reality

The trenchant realism of Mr. J. M. B. King's picture of pharmacy (p. 254) may be regarded as a corrective to what he terms "the aura of exaltation" into which the Pharmaceutical Society "seems to have gradually drifted." It shares with other essays in realism the quality of overstatement, not as a whole but in occasional sentences. Is it really the case that "the institution of the large firms of manufacturing chemists was one of the biggest nails that has been driven into the coffin of the individual pharmacist?" Whose fault is it if a retailer is too timid or too lazy to

prepare chloroform water or a difficult type of suppository? We shall have to go back a long way in history to reach a date when retail chemists had not discovered that was the best economy to make some of their products and to buy others. Again, your contributor envisages a time when medicine may be "reduced to a few tablets." I prefer to think that in the evolution of prescribing the wheel may come full circle and drug (in the widest meaning of the word) enjoy a new period of favour. Mr. King's remarks on standards of examination are worth following up, even though his suggestion that the Pharmaceutical Society should "do exactly the opposite" of a continuing raising of its examination standards is not too happily expressed. Practical people are desirous of seeking an adjustment of the standard of qualification to the needs of those who qualify; and, so far as retail business is concerned, the Society appears to be rather out of touch with current trends.

Analgesics

The last of the twelve articles by Dr. Prescott on the chemistry of therapeutic substances (p. 261) is among the most attractive of the series, dealing as it does with antipyretics and analgesics, substances often handed across the counter as well as dispensed. The article includes many hints of value on the administration of single and combined chemicals of these types— for example, the reminder that phenacetin is one of the safest of analgesics. The first on the long list to come into use was, as the author points out, quinine. During the 'eighties antipyrine and phenacetin arrived on the public took to pronouncing the name of the former with a virtual suppression of the third syllable. Aspirin appeared about the turn of the century, and was prescribed with a higher average dose than is now customary. The treatment of headache and minor pains before the introduction of these now universal alleviants may have left much to be desired. In Tudor days the sacculus, a small bag containing sundry herbs, was applied to the head or other part affected. Quinine was for a long time esteemed, as was powdered cinchona bark, as an ingredient in dentifrices. A veteran pharmacist of the past century told me that when quinine was dear he reduced the proportion of it in his quinine tooth powder and made up with salicin— an analgesic for his pocket.

Xrayser

LEGAL REPORTS

Administered Drugs to Wife.—At the Bailey, London, on March 2, Dr. A. G. Nyman, Barking, Essex, was sentenced to twelve months' imprisonment for the slaughter of his wife by administering drugs. In the course of the evidence it was proved that Mrs. Bonnyman was a confirmed opium taker.

Pharmacy Act Prosecution.—At St. Helier Police Court recently, Mary Higginson, Clonville Road, was summoned in respect of the sale of a disinfectant. It was alleged the defendant was not an authorised seller of poisons, and that the container of the poison was not labelled in the prescribed manner. A fine of £1 in each case was imposed.

Pharmacy Acts (Ireland) Case.—A fine of £2 2s. costs on each of two summonses was imposed at Howth District Court (co. Dublin), on February 16, on John Walsh (Walsh's Medical Hall, Howth) for having an open shop for the sale of drugs and poisons on November 24 and December 5, 1941, without having a certified person in charge. A similar fine of £2 2s. costs was imposed for selling lysol in a bottle which had not the name and address of the seller. Mr. John J. Gaynor acted on behalf of the Pharmaceutical Society of Ireland.

Failure to Register.—At Nottingham, on March 3, Nathan Davis, Wyvill Terrace, was found guilty to failing to register as a manufacturer of toilet preparations which he was making. Prosecuting for the Board of Trade, Mr. E. E. Eccleston said: "There is no getting the origin of the black market. A man simply carried on in a back street and soaked various people. Had he applied for a licence his output would have been restricted to 25 per cent. of his business in the previous year." On the boxes of powder he sold was "Lafayette, of New Orleans, Paris and New York." A number of people returned it as unfit for use. Davis was sent to prison for three months and fined £100.

Powder-Puff Handkerchief.—At the Mansion House, London, E.C., on March 2, The London Dispensary, Ltd., St. Paul's Churchyard, was prosecuted by the Board of Trade for supplying a powder-puff handkerchief without making a coupon from the customer. The company denied that the article in question was a handkerchief within the meaning of the clothes' rationing order.

An agent of the Board of Trade stated that when purchasing the article she simply picked it up and did not give it a name. The Lord Mayor said that the goods described in the schedule to the rationing order were perfectly clear, and while it could be seen from it that a handkerchief was rationed, no mention whatever was made of a powder-puff. The two things were distinct from each other, and as he found as a fact that the article Nicholson's sold was not a handkerchief but a powder-puff, he dismissed the summons.

COMPANY NEWS

COSMA, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturers of and dealers in pharmaceutical products, chemicals, cosmetics, etc. First directors not named. R.O.: Danes Inn House, 265 Strand, London, W.C.2.

ROBERTS & SHEPPEY, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturing and wholesale chemists, herbalists, manufacturers of Mel Rose tablets, etc. Robert F. and William G. Roberts, directors. R.O.: Holton Mill, Oxford.

BORAX CONSOLIDATED, LTD.—Net profit for the year ended September 30, 1941, amounted to £554,996, against £464,148 in the previous year. Dividend on deferred ordinary stock is 7½ per cent. (same as previous year).

Bankruptcy.—**GEORGE BORTON PURSER**, 23 Cavendish Street, Cherry Orchard, Worcs, dispenser. Public examination was held recently at Worcester, when debtor's statement of affairs disclosed liabilities of £803, with no assets. Debtor stated that in 1925 his employer's business at Newton Abbot was taken over by a limited company. He was appointed a director and he paid £1,000 for 1,000 ordinary shares. To complete purchase of the shares he raised £750 on a dwelling house and borrowed £175 from the bank on the security of the shares; he also had savings of £75. Debtor stated he was employed by the company as dispenser at a salary of £5 weekly. In 1937 he left Newton Abbot and as a result his shares, which at that time were practically valueless, and his household furniture, were taken over by his former employer for £150. Debtor, now in employment, ascribed his failure to illness, and to a judgment obtained against him.

STATUTORY COMMITTEE MEETING

A MEETING of the Statutory Committee of the Pharmaceutical Society of Great Britain was held at 17 Bloomsbury Square, London, W.C.1, on February 25. The members present were Messrs. G. R. Hill (chairman), W. Deacon, A. R. Melhuish, E. S. Peck, A. Sugden, with the secretary (Mr. H. N. Linstead). Mr. W. J. C. Quarrell was the solicitor appearing for the Society. Opening the first case, Mr. Linstead said the Committee had been called to hear evidence supplied by the Kent Insurance Committee, in which it was stated that a pharmacist had supplied sulphonamide tablets instead of M & B 693 tablets on an insurance prescription without the permission of the prescriber. The Committee had to consider whether the pharmacist in question had been guilty of such misconduct as might render him unfit to be on the Register. Mr. Quarrell explained that the pharmacist had supplied sulphonamide tablets on three occasions to the same patient when M & B 693 had been prescribed. No attempt had been made by the defendant to notify the doctor of this substitution nor had any note been made on the prescription.

Chemist's Explanation

Defendant's explanation of his conduct given to the Society was that contained in a letter addressed to the Ministry of Health, showing that the defendant had complained about the manner in which the inspector of the Insurance Committee had lodged the complaint in the shop. Defendant thought that sulphonamide was the medical equivalent of M & B 693, and that he was justified in replacing a proprietary preparation by a standard drug. He also explained that he acted in the belief that he was not doing wrong and expressed regret in the matter. Mr. Quarrell pointed out that defendant had M & B 693 in stock at the time and that sulphonamide tablets were much cheaper than the latter.

Mr. William Hewittson, appearing for the Insurance Committee, said that he had received a letter from the doctor concerned explaining that he (the doctor) had sent his patient to defendant's shop with a prescription for M & B 693 tablets. The patient had returned with plain white tablets which were not embossed in the way the prescribed tablets were. Defendant told Mr. Hewittson that the tablets supplied were sulphonamide tablets on the two previous occasions. The prescriptions bore no indication that sulphonamide

tablets had been substituted for those prescribed. Mr. Hewittson's report was adopted by the Insurance Committee, which took the view that the substitution had been made deliberately.

Business Circumstances

Mr. Harold Lightman, for defendant explained that defendant had carried on business without any complaint for a good number of years, his business had increased considerably, and he was carrying on without assistants. In reply to a question by Mr. Lightman, defendant said that he knew the patient had a wound and that the doctor wished to use the tablets immediately, and in the hurry of the moment had supplied sulphonamide tablets. Mr. Quarrell, cross-examining, asked defendant if he agreed that he had M & B 693 on the premises and defendant said "Yes."

Mr. Quarrell then asked: "Was it a deliberate substitution?" Defendant said "No." Defendant also said that he did not do very much N.H.I. dispensing and did not know very much about the Society's rules on substitution. Replying to the chairman, defendant said he knew the substitution on a prescription should be notified, but he was busy when he dispensed the prescription and did not make a note on it at the time. Defendant said he thought that sulphonamide and M & B 693 were identical in effect and said he could not find any details in textbooks to the contrary. Mr. Lightman added that a man who was trying to make a dishonest profit would not have done so on the few tablets concerned.

After the Committee had considered the matter, the chairman read the Society's rules concerning substitution and referred to a similar recent case. He said in the latter case the Committee had tried to make it clear that the rule should be rigidly adhered to. Even if there had been no such rule, a chemist would be acting extremely unwisely if he thought he knew better than the doctor and substituted one substance by another. It was in his favour that the tablets were going direct to the doctor, who would almost certainly realise they were not those prescribed. The Committee decided that a reprimand was quite sufficient to deal with the case.

A Quota Case

Mr. Linstead, opening the second case, said that evidence had been received by

the Committee from which it appeared that at a local quarter sessions a member had been convicted of an offence under the Limitation of Supplies (Miscellaneous) (No. 5) Order. Mr. Quarrell (for the Society) said that defendant had been fined £5 and 30 guineas costs and his company the same amount. The company conducted a small wholesale business and had applied to the Board of Trade for registration under the Order. The company had been so registered, and was then asked for a return of sales. It appeared that in one period their return was £184 and therefore their permitted quota would be £123. During a later period they were entitled to sell £50 out, in fact, sold £31,242. Mr. E. R. Meredith, for the Board of Trade, stated he had interviewed defendant, when defendant produced a list of purchases during the second period. In view of the large amount of purchases, he requested returns of sales. Defendant later stated that he had misunderstood the Order and had been very foolish. Defendant was under the impres-

sion that he would be allowed a quota. He subsequently asked for the removal of his company from the Board of Trade register by way of retribution.

Defending, Mr. P. E. Sandlands, K.C., asked the Committee if they considered that a registered pharmacist who had been convicted of a non-professional criminal offence, was unfit to be on the Register. Mr. Sandlands said that the Committee should only take into account the offence if it touches the man in his professional calling. Here was an offence by a wholesale dealer and the goods affected were in Class 16 (toilet preparations), i.e. goods which are ancillary to the pharmacist's real business. Once an offence has been committed by the company, the director is implicated, unless he can say he has no knowledge of it. The goods in question did not in fact pass through defendant's hands. After the Committee had considered the case, they came to the unanimous conclusion that it was a case where they should take no further action.

BORIC ACID LINT, B.P.C.

A FOURTH supplement to the British Pharmaceutical Codex is to be issued as soon as possible after April 1. It will contain a new specification for boric lint. In this the boric acid content specified will be not less than 4 per cent. and not more than 6 per cent. In accordance with arrangements made with the Ministry of Health, the boric acid lint of the revised specification will be dispensed by size and not by weight, so far as National Health Insurance prescriptions are concerned (see *C. & D.*, February 28, p. 263). Thus, against a prescription calling for 1 oz. boric lint, size 1 will be dispensed, the dimensions being 6½ in. by 17-18 in., approximate weight ½ oz. A full list of the sizes to be included in the Drug Tariff, their dimensions, approximate weights and prices, are given below:—

Size	Dimensions	Approximate weight	Price
1	6½ in. × 17-18 in.	½ oz.	1s. 11d. doz.
2	13 in. × 17-18 in.	1 oz.	3s. 3d. doz.
4	26 in. × 17-18 in.	2 oz.	5s. 11d. doz.
8	52 in. × 17-18 in.		
	or	4 oz.	11s. 3d. doz.
16	104 in. × 8½-9 in.		
	104 in. × 17-18 in.	8 oz.	21s. 3d. doz.

1-lb. net-weight packets in the new specification (not to be included in the Drug Tariff) will be made available for ordinary trade purposes, price 3s. 5d. per lb.

It will be in order for chemists to dispense either the new or the old specification up to March 31, the price to be paid in either case being the existing Tariff price. From April 1 the new specification will be the recognised standard, but chemists with stocks of the old may dispense them against N.H.I. prescriptions for a reasonable period, the prescriptions being appropriately endorsed. In such cases the March Tariff prices will apply. For the guidance of chemists and public alike, arrangements have been made with the manufacturers whereby the approximate weight of lint, as stated above, will appear on the label of each packet. When stocks of the old specification are exhausted, boric lint in this country will be supplied only by size, no matter for what purpose it is intended, with the exception of the 1-lb. parcels mentioned, which will continue to be sold by weight. Chemists are requested in future to place orders on wholesalers by dozens or by grosses for all sizes other than 1-lb. It will be sufficient to state quantity and size: 6 doz. boric lint, B.P.C. Size 1.

[It is understood that a Third Supplement is also due to appear.—EDITOR.]

LIFE BLOOD OF THE ARMY

THE blood-supply depôt of the British Army, located in the West of England, serves units of the Armed Forces from England to the Far East and from Iceland to the Cape of Good Hope. So high a proportion of casualties as 10 per cent. require a transfusion—on an average about two pints per case. Hence supplies must be large, and the fluid must be durable so

the Auxiliary Territorial Services, and a Royal Army Medical Corps orderly. They take all their equipment with them, and can convert any room of suitable size into a miniature hospital in about fifteen minutes. All this requires careful organisation and preparation at the Central Depôt. The blood collected is mixed with glucose solution to aid preservation, the



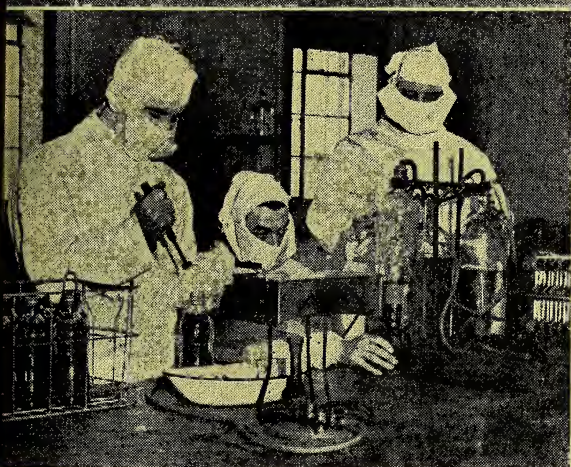
Left, Testing blood grouping microscopically. Right, Volunteers giving blood at a West of England centre

that it can be accumulated in the right place in large amounts for use at the right time. Blood itself keeps for not much more than four weeks, and during all this time it has to be accurately refrigerated; but blood plasma and blood serum keep for at least eighteen months in fluid form, and, when dried by a complicated low-temperature process, indefinitely. The dried product is particularly suitable for use in tropical climates, and needs only to be dissolved in distilled water.

Accumulation of Supplies

The basis of the blood-supply service is a sufficient number of voluntary donors. There are 150,000 of these volunteers in the West Country, where over 400 towns, villages, or factories are visited in rotation, and new donors are constantly being enrolled. Each volunteer has a preliminary test to determine to what blood group he or she belongs. Teams up to the number of twelve, according to demand, go out to the various centres to obtain the blood. Each team consists of a doctor (often a lady doctor), four voluntary aid detachment nurses, two motor transport drivers from

addition being made under sterile conditions by means of a special machine. The mixture is then bottled, and the bottles hermetically sealed and placed in a refrigerator kept at a constant temperature. A small tin box containing the equipment, sterilised and ready for use, with which the blood is to be administered is attached to every bottle before it is sent out for use. On occasion, the cooled blood is sent by air in special insulated boxes, in which it is kept cool during transit, and the simplicity of the equipment enables a transfusion to be given in the field under almost any conditions. The system worked well in France, which was within easy air-delivery distance of the main depôt, but in distant theatres of war the more durable plasma or serum has to be used. Specially-trained teams filter and bottle the sterile plasma, and in a huge drying plant the stable dried product is made ready for export to the tropics; the plasma is dried by boiling off water at a temperature 20 degrees below freezing point. Transfusion work is specialised and requires much training. For this purpose, courses of instruction for officers and men are held every week at the depôt.



THE ARMY'S BLOOD SUPPLY

1. Nurses carrying out group tests
2. Filtering and bottling blood plasma
3. Unloading dried blood plasma
4. An army casualty receiving blood by transfusion in the field
5. Students at one of the courses of instruction held every week
6. Nurse packing blood supply in insulated box for air-service delivery



TRADE NOTES

Marie sanitary towels are advertised in this issue by Jason & Stuart Products, Ltd., Plane Street Mills, Oldham. The company offers delivery from stock.

Ralgex.—Pharmax, Ltd., state that further supplies of Ralgex, the radio-active solid embrocation, are likely to be available in the near future. Inquiries should be addressed to Ibex House, Minorities, E.C.3.

Revised Prices.—Keen, Robinson & Co., Ltd., Norwich, have been compelled to advance the prices of Robinson's Patent barley, and details of the alterations are given in the company's advertisement in this issue.

Rye.—The Ryvita Co., Ltd., 310 London Road, Leicester, in their advertisement in this issue, state they have the most up-to-date mills devoted exclusively to rye products, and potential users are invited to communicate with the company regarding technical guidance and supplies.

Razor Sharpener and Stopper.—Supplies of the Razola razor sharpener and stopper are available to chemists from Razola Industries, Ltd., 1 Newton Street, Holborn, London, W.C.1. The device consists of two discs between which the blade is placed on a pivot and rotated in the hands.

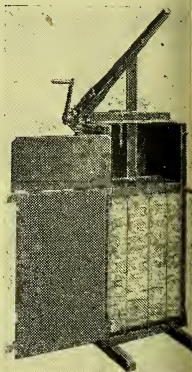
Warning Against Trade-mark Infringement.—The County Perfumery Co., Ltd., have recently drawn attention to proceedings they took recently against a retailer for "passing off," and give warning that to sell any product in Brylcreem bottles bearing the registered trade mark Brylcreem embossed thereon, or to sell under Brylcreem labels a product other than Brylcreem, is an offence against the Merchandise Marks Act.

Exposure Calculator.—Burroughs Wellcome & Co., 183-93 Euston Road, London, N.W.1, announce the publication of a new photographic exposure guide. It will be recalled that the Wellcome Photographic Exposure Calculator and Diary has had to be suspended; the new publication is a war-time edition which includes the Wellcome Exposure Calculator and a revised list of film and plate factors. There are also sections devoted to exposure and development. Limited supplies of the guide will be released shortly.

Whitaker's Almanac.—The 1942 almanac published by J. Whitaker & Sons, Ltd.,

13 Bedford Square, London, W.C.1 (7½ in. × 4¾ in. Pp. 1,024. 10s.), has been almost completely reset in modern type resulting in a marked improvement in the general appearance of its pages. The even of the second year of the war are full chronicled; many statistics dealing with matters of special interest in the settlement of post-war problems have been supplied. Tables of sunrise and sunset have been included with full details of how black-out times may be calculated. Other usual features of the almanac have been maintained.

Baling Press for Waste Paper.—The attention of firms that have substantial amounts of waste paper to offer for salvage under the scheme of the Ministry of Supply is drawn to the convenience and economy of using a baling press. A typical example is the all-steel baler illustrated, which is supplied by the Tyne Truck & Trolley Co., Ltd., 66-68 Northumberland Street, Newcastle-on-Tyne, who state that they are still in a position to supply from stock at list prices. The size of bale produced is 20 in. by 24 in. by 30 in. (weight 80 to 100 lb.). The press occupies a space of 2 ft. by 2 ft. 4 in., and is 6 ft. 10 in. high. It weighs 400 lb. Further details may be obtained from the makers.



Business Changes

CLYDEBANK CO-OPERATIVE SOCIETY, LTD. opened a new drug department at 37 Kilbowie Road, Clydebank, on March 2.

LONG ISLAND BEAUTY PRODUCTS, formerly at 27 Shirehall Lane, Hendon, London, N.W.4, have removed to Kenwood Lodge, Sheldon Avenue, N.6.

THE offices of the Chemical Workers Union have removed from 225 Clive Road, West Dulwich, London, S.E.21, to Dalton House, 155 Kennington Park Road, S.E.11. Telephone: Reliance 3938.

INSURANCE ACT DISPENSING

Drug Tariff and National War Formulary. The list of revised Tariff prices for February has been issued. It includes a note on the new specification for boric acid lint (C. & D., February 28, p. 263).

The Ministry of Health has amended the National War Formulary by including the following preparation for the treatment of sores:—

BENZYL BENZOATE APPLICATION
Benzyl benzoate 25 gm.
Nette wax SX (of commerce) 2 gm.
Water to 100 mls.

A gummed amendment slip giving the formula mentioned above also makes reference to the position of preparations in the Formulary that are Dangerous Drugs within the meaning of the Act and Regulations. It is made clear that these preparations must conform to the Dangerous Drugs Regulations and that prescriptions must state the quantity of the preparation to be dispensed. The amendment slips will be sent to all doctors and chemists of the National Health Insurance panel.

PARLIAMENTARY NEWS

Proprietary Soaps under Rationing.—Mr. Rostron Duckworth asked the Parliamentary Secretary to the Ministry of Food on February 25 whether, in view of soap rationing, it would still be possible for the public to obtain proprietary brands of soap, toilet flakes and other soap products. Major Lloyd George: Yes, Sir.

Post-war Export Trade.—Mr. McEntee asked the Secretary to the Overseas Trade Department on February 24 for what specific duties it had recently been decided to establish a unit known as the Directorate of Post-war Export Trade Development, in the war situation created insurmountable difficulties in development work in regard to overseas trade; whether he would give the name of the unit's director, his salary and his age.

Mr. Harcourt Johnstone (Secretary, Overseas Trade Department): As the hon. Member is aware, the name of the officer in question is Mr. Rodgers; his age is 35; his salary is at the rate of £1,000 a year, which is the same as he received from the Ministry of Information as Adviser on Overseas Planning before his transfer to the Department. He is employed in co-

operation with the Export Industries of the United Kingdom upon an examination of the conditions affecting the prospects of this country's post-war export trade. With my knowledge and approval, the staff side of the Departmental Whitley Council were informed that the official side, after careful consideration of their representations, did not share their views.

COMING EVENTS

Sunday, March 8

LIVERPOOL BRANCH, CATHOLIC PHARMACEUTICAL GUILD, Cathedral Buildings, Brownlow Hill, at 3 p.m. Meeting.

MANCHESTER AND SALFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Grosvenor Hotel, Deansgate, Manchester, at 3.45 p.m. Mr. G. A. Mallinson (secretary, N.P.U.) on "War-time Pharmaceutical Problems."

Thursday, March 12

SHROPSHIRE AND MONTGOMERYSHIRE BRANCH, NATIONAL PHARMACEUTICAL UNION, Ward's Café, Mardol, Shrewsbury, at 3 p.m. Mr. G. A. Mallinson (secretary, N.P.U.) on "Current Topics Relating to Pharmacy."

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 2.30 p.m. Short papers. Messrs. H. Berry and J. B. Stenlake on "Variation in the Bactericidal Value of Lysol B.P."; Messrs. W. T. Ostins and R. A. Roberts on "Displacement Values of Medicaments in Suppositories"; Dr. Katharine Coward on "The Relative Needs of Young Male and Female Rats for Vitamin A"; Mr. Donald Evans on "Volatile Liquids in Mixtures"; Mr. H. Berry on "The Sterilisation Processes in the Fourth Addendum to the B.P., 1932"; and Mr. A. W. Lupton on "The Pain Effects of Injections of Varying pH."

Wednesday, March 18

BATH AND BRISTOL BRANCHES, NATIONAL PHARMACEUTICAL UNION, Pump Room, Bath, at 7.30 p.m. Mr. R. H. Kemp (organisation officer, N.P.U.) on "The Meaning of the C.F. Scheme."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Cleveland Technical and Scientific Institute, Corporation Road, Middlesbrough, at 6.30 p.m. Address by Mr. H. N. Linstead (secretary, Pharmaceutical Society).

MEDICAL ABSTRACTS

Rheumatoid Arthritis Treatments.—Of the many methods of treatment used in rheumatoid arthritis the best results, according to Roden ("British Medical Journal," January 24, p. 102), are most likely to follow the employment of physical therapy over a prolonged period, and the injection of gold salts. The patient should be educated in the use of simple physio-therapeutic measures so that these may be carried out in his own home. Other forms of treatment of possible value are eradication of focal infection, the use of vaccines, and high-vitamin low-carbohydrate high-calorie diet. These treatments should be carried out concurrently rather than singly.

Poisoning by Cadmium.—Five outbreaks of a type of gastritis with similar symptoms were traced by Frant and Kleeman ("Journal of the American Medical Association," 117, 2, 86) to poisoning by food contaminated by cadmium. The syndrome was characterised by violent acute gastritis occurring almost immediately after the ingestion of the contaminated food. A typical outbreak, the authors state, may be detected with ease if the characteristics of the syndrome are kept clearly in mind. The association of immediate food poisoning of groups with the ingestion of an acid liquid prepared in a metal container should cause suspicion, and an immediate investigation for the presence of cadmium-plated utensils should be made. It is noteworthy that in each of the outbreaks the contamination was caused by cadmium-plated parts of refrigerators, in some instances not plated with cadmium when supplied by the original makers. The authors recommend that no utensils to be used in the preparation of or for holding food or drink should be permitted to be plated with cadmium.

Scarlet Fever Treatments.—A comparative study has been made by Top and Young of the response of patients suffering from scarlet fever to sulphanilamide, convalescent serum and scarlet fever antitoxin ("Journal of the American Medical Association," 1941, II, 2,056). Over a period of one year 390 cases of moderately severe scarlet fever were treated under control conditions by these methods. Status-on-admission factors known to influence the course of the disease were similar and not significantly different for the three treatment groups. The results of this study indicate that there is no great difference

in the therapeutic effect in cases of moderately severe scarlet fever when sulphanilamide, convalescent serum and antitoxin are administered in the dosage used. Antitoxin and convalescent serum give better results than sulphanilamide, but the differences are not statistically significant. In a previous study, 30 cc. of scarlet fever convalescent serum and one therapeutic dose of scarlet fever antitoxin (6,000 units) gave equally good results when administered by the intramuscular route. Their similarity in value in the dosage cited is again demonstrated.

Test for Vitamin B₁ Deficiency.—As a means of detecting the first signs of deficiency disease, Wilson ("Lancet," February 14, p. 199) estimated the blood pyruvic acid in a series of children in the Royal Hospital for Sick Children, Glasgow. Two classes were examined: children just admitted to hospital for removal of tonsils and adenoids (before they had been subjected to a hospital diet); and children in hospital suffering from various diseases grouped as surgical cases, medical cases and cases under ether anaesthesia. In the first group the average blood pyruvic acid found was 0.99 mgm. per 100 c.cm. In the second group the blood was taken when the patients were almost due for dismissal, none had fever. The average figure was approximately the same as in the first group, though the range was somewhat greater. The medical cases were all just above or below the average, though the range was greater than that found in groups 1 and 2. In the few cases in which blood was taken while the patient was under ether anaesthesia, the figure was below the average. The results indicate that the blood pyruvic acid in normal children of the hospital class is not raised above the figure found in a similar class of children studied in America, and this seems to suggest that there is no deficiency of vitamin B₁ in their diets. In children with gastro-enteritis, nephritis or convulsions high values were found in a few cases though there were no clinical signs of B₁ deficiency.

THE INDEPENDENT TRADER.—The committee set up by the Liberal Party Organisation (22 Gayfere Street, London, S.W.1) to investigate and report on the position of the independent trader has recently issued an interim statement.

PERSONALITIES

MR. ALEXANDER BOOTH, M.P.S., has been elected president of Macduff Shopkeepers' Association.

MR. W. R. BRACKENBURY, M.P.S. has been appointed chairman of the North of England Prescriptions Committee.

MR. T. H. TAFT, M.P.S., gave an address at Clitheroe Rotary Club on February 19. His subject was "Medicine and Mediæval times."

MR. A. JOAILLET, M.P.S., St. Helens, is a hospital suffering from injuries received when he was knocked down by a motor vehicle.

MRS. L. M. MUNDY, Ph.C., A.I.C., for many years chief assistant, Harrison & Self, analytical chemists, London, W.C.2, has been elected a Fellow of the Institute of Chemistry.

A CERTIFICATE OF NATURALISATION has been granted to Nicholas Nikolaevich Metz-Tershenchenko, medical practitioner, Westminster Hospital, St. John's Gardens, London, S.W.1.

DEATHS

MR. BOOTH.—On active service, recently, Wing Officer Kenneth Stanley Booth, M.F., second son of Mr. S. Parkin Booth, managing director of The Association of Manufacturing Chemists, Ltd., London, E.C.1.

MR. CROOKHAM.—Recently, Mr. Harry Crookham, chemist and druggist, London Road, Westcliff-on-Sea, aged seventy-eight.

MR. EVANS.—Recently, Mr. Evan Lewis Evans, M.P.S., 2 Osnaburgh Street, London, N.W.1. Mr. Evans passed the Minor examination of the Pharmaceutical Society in 1895.

MR. HOFMAN.—On January 4, Dr. J. J. Hofman, The Hague. An honorary member of the Pharmaceutical Society of Great Britain since 1923, Dr. Hofman, who carried on an analytical practice at Schenkweg, The Hague, was well known in this country. He was one of the founders of the International Pharmaceutical Federation and was its first secretary in 1912. He was president of the Federation in 1935.

MR. NICHOLS.—Recently, Mr. Frederick Nicholstrode Nichols, chemist and druggist, Persfield, Hants, aged ninety.

MR. REES.—At Oxford, on February 22, the wife of Hargreaves, M.P.S.

RICHARDSON.—Recently, Mr. Arthur Richardson, chemist and druggist, aged eighty-four. A former president of the Hull Chemists' Association and the Hull Branch of the Pharmaceutical Society of Great Britain, Mr. Richardson was in business for fifty years in Hesse Road.

SMITH.—Recently, Mr. Harry Smith, M.P.S., 170 Holland Park Avenue, London, W.11.

SMOUT.—Recently, Mr. Charles Lickfold Smout, M.P.S., Mill Road, Cambridge. Mr. Smout passed the Minor examination in 1883.

RECENT WILLS

FLIGHT-LIEUTENANT MARCUS KRAMER, D.F.C., M.P.S., Marine Parade, Southend-on-Sea, who died in May 1941, left £595.

MR. WILLIAM HERBERT HAMMOND, M.P.S., 77 Teme Street, Tenbury, who died on December 4, 1941, left £1,883, with net personalty £706.

MR. FREDERICK ARTHUR LESTER, M.P.S., 134 Upperthorpe, Sheffield, who died on November 4, 1941, left £2,434, with net personalty £1,973.

MR. BERNARD HARGREAVES, 46 Poulton Street, Kirkham, Lancs, chemist, who died on November 12, 1941, left £12,895, with net personalty £12,320.

MR. WILLIAM BRIDGES, M.P.S., 18 London Road, Twickenham, who died intestate on October 20, 1941, left £878, with net personalty £779.

MR. THOMAS FREDERICK BELL, L.P.S.I., Powerscourt, Tramere, co. Waterford, late managing director of Henry Bell, Ltd., chemists, who died on November 19, 1941, left personal estate in England valued at £11,656.

SIR ERNLEY ROBERTSON HAY BLACKWELL, K.C.B., 7 Hay Hill, Berkeley Square, London, W, chairman of the Statutory Committee of the Pharmaceutical Society, 1934-39, who died on September 21, 1941, left £23,254, with net personalty £22,514.

MR. JAMES STANLEY, J.P., 16 Villa Road, Nottingham, chemist and druggist, a member of the City Council, who died on October 16, 1941, left £44,045, with net personalty £36,737. He left £250 to the General Hospital, Nottingham; £100 each to the General Dispensary, the Benevolent Fund of the Pharmaceutical Society and the Lady Middleton Fund of Mapperley Hospital; and bequests of shares in J. Stanley (Bulwell), Ltd., to employees.



John Bell BRAND

JOHN BELL HILLS & LUCAS LTD
OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26.

**"TRIAD" BRAND
CHERRY MALT
AND OIL**

With Improved
Parrish's Food

RETAIL 1 lb., 2/3
TRADE 17/6 per doz.
including purchase tax

STABILISED CHLORAMINE GERMICIDE

DYGERMA

Bottles 1/6 and 2/6, Gallons 15/-, Tax Extra

Stocked by Principal Wholesalers

MATTHEW'S LABORATORIES, LTD., CLIFTON, BRISTOL, 8

DRUG TRADE PRINTERS

LABELS, WINDOW BILLS, FOLDERS, ETC.

Enquiries Solicited

RAVENSWORTH (PRINTERS) LTD.
K49 QUEENSWAY

TEAM VALLEY TRADING ESTATE, GATESHEAD 11

TRAGACANTH

SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole
Flakes as imported. Samples and prices on request.

FREUDENHEIL, SMITH & CO., 16 Philpot Lane,
London, E.C.3. Tel. Address: 'Freudenruf' Tel.:
MANSION House 1924 & 6600 Estd. 1826

MARRSONA

YEAST FOR ANAEMIA

MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY, LEEDS

• WILCOX, JOZEAU •

WHITE LION ST.

FOREIGN PROPRIETARIES

NOW MADE IN ENGLAND

• TELEPHONES: TERMINUS 3088 •

LONDON

**ALCOHOL
FOR TINCTURES**

JAS. BURROUGH, LTD., LAMBETH, S.E. 1



LICENCE
No. L/402



RETAIL PRICE **5d.** Per Bottle
WHOLE-SALE PRICE **48/-** Per Gross
PROFIT **25%** On Cost

Special terms for orders
exceeding 50 gross

CLINICAL PRODUCTS, LTD.
2 THE GREEN, RICHMOND, SURRE



NOT MADE
FROM LEMON

for

- HOT & COLD DRINK
 - RUM PUNCH
 - LEMON TEA
 - FISH
 - COOKING, ETC.
- Bottles are packed half
gross in one outer
Manufactured under
Food Substitution con-
trol by:

LANOLINE

ANHYDROUS B.P.

CRODA LTD
CRODA WORKS, RAWCLIFFE BRIDGE
GOOLE

TEL. RAWCLIFFE 40-41 GRAMS. CRODA GOOLF

CLOSED ON SATURDAYS.—Advertisers
subscribers are reminded that owing to
conditions the Head Office of THE CHEMIST
AND DRUGGIST, 28 Essex Street, London, W.
is closed on Saturdays until further notice.
Urgent instructions relating to advertising
subscriptions should be sent to the C. &
c/o The Pitman Press, Bath, Somerset.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER — WHOLESALER — MANUFACTURER

circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

DL. CXXXVII MARCH 7, 1942 NO. 3239

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Price-regulated Goods

UNDER the Prices of Goods Act, sellers of goods of a class forming the subject of a Price Regulation Order are not permitted to make a net profit on sales of similar goods in excess of that made by them on August 1, 1939. Such sellers are allowed to add permitted increases in costs and overheads (as specified in the First Schedule to the Act). In other words, their gross profit may be higher, but their net profit must not be increased in ratio to the present-day much higher level of commodity values. For instance, on the sale of 2 cwt. of a product on August 1, 1939, at 2s. per lb., showing a halfpenny per lb. profit, the value would be £22 8s. and net profit 9s. 4d. Today's sales price for the same article is, say, 5s. per lb. (2 cwt. value £56), with the seller still limited to $\frac{1}{2}$ d. per lb. net profit. In the pre-war transaction, the percentage of net profit on cost was 2.173 and on the price-regulated sale 0.840.

"Drugs" were recently made the subject of a Price Regulation Order. While not attempting to define what may or may not be considered to be a drug for the purpose of this Order, we will assume that the

following products are price regulated, not necessarily as "drugs." Following the name of the product, we give, in brackets, the average market price ruling on August 1, 1939, and then today's quotation (assuming that supplies are available): Barbitone (9s. 5d.), 45s. per lb. Buchu (1s. 5d.), 5s. 3d. per lb. Japanese natural camphor (2s. 5 $\frac{1}{2}$ d.), 12s. per lb. Cascara sagrada, one-year-old bark (54s.), 250s. per cwt. Japanese menthol (12s.), 72s. 6d. per lb. Tragacanth, No. 1 white (£55), £155 per cwt. Anise (Star) oil (3s. 4d.), 53s. 6d. per lb. Lemongrass (1s. 6d.), 20s. per lb. In these cases, given as fair illustrations, sellers at current market prices, whether they be importers, manufacturers, wholesalers or, for that matter, retailers, have to limit their profit to that obtained on the lower pre-war values. Barbitone, sold at 9s. 5d. per lb. pre-war, showed a net profit of, say, 2d. per lb. (18s. 8d. profit on 1 cwt. selling at £52 14s. 8d.). Today, the price of the same quantity of this product would be £252, but the seller is only allowed to make 18s. 8d. net profit. He is restricted to the same amount of profit for financing business to the extent of £252 that he previously obtained from the £52 transaction.

Traders' Difficulties

Actually, it is impracticable for sellers to conform to this basic rule of "pre-war profit on current values." Most sellers' stocks of any product are composed of goods drawn from several sources, purchased or produced at varying prices or costs. They may be bulked together in the warehouse. Would they be conforming to the Order if they based their selling price on the average cost of such stocks, or must they quote a range of prices representing each lot? We are aware the latter practice would be impracticable of performance, but let us assume it could be done: a seller might be able to offer an odd lot of 14 lb. at 2s. 6d. per lb.; but to another buyer who wanted 10 cwt., his price would have to be 3s. 6d. per lb. Both quotations would conform to the Order. Again, is a holder of varying-priced stocks bound to sell his cheapest goods first?

It cannot be denied that the volume of

business being done today in drugs, essential oils, spices, and similar products has declined very considerably, largely due to lack of normal supplies. Despite the general and much higher level of commodity values today, it is fairly certain the gross cash turnover of sellers is little, if any, more than that of pre-war days. Thus, with the quantity of goods now being sold having decreased very substantially compared with pre-war days, net profits must have declined proportionately.

Uneconomic Business

This insupportable restriction on legitimate trading is one of the chief reasons why there is now an acute shortage of many important natural products which have to be imported. *Cascara sagrada* is a typical instance. Is it reasonable to expect an importer to purchase a normal quantity of, say, 20 tons of bark, involving an outlay today of about £4,600, which has to be paid before the goods are shipped, and then run the risk of losing them in transit, in order to make a profit six months hence which must not exceed that obtained in pre-war days on the same volume of business involving an outlay of not more than £1,000, with no shipping difficulties and no war dangers? The importer's money would, of course, be far safer in War Loan and would certainly show a better return.

You cannot control foreign shippers' prices, and that is the main reason why current values of this class of commodity have increased so much. There is no question of "profiteering" or a desire to act against national interests on the part of the firms who handle these goods in this country; but ultimately, we fear, some unfortunate concern will be pilloried and held up as such for daring on a £1,000 sale of price-regulated goods to make a net profit which may be a shilling or two in excess of that made on similar pre-war sales when the goods were valued at £100. All power to the authorities to stamp out the isolated black spots of sheer profiteering, but that is a very different matter to crippling business in products, the adequate supply of which is desirable at the present time.

Lost Time in Factories

INVESTIGATIONS into the questions of hours of work, lost time and labour wastage have recently been completed by the Industrial Health Research Board of the Medical Research Council, who have now published a report of their findings (Emergency Report No. 2, H.M. Stationery Office, price 6d.). The results of the inquiry show that the time lost by factory workers through sickness, injury and absence without permission, when undisturbed by extraneous factors, varied with the weekly hours of work. It was usually low when the hours of work were less than sixty per week, but increased as the hours increased up to seventy-five. The findings suggest that over an extended period, the weekly hours of work should generally not exceed sixty to sixty-five for men and fifty-five to sixty for women. In all the groups the workers were stimulated to an increased output after the collapse of France, and although it was physiologically impossible to maintain the maximum level reached, output in nearly every case has since remained above the previous level. The beneficial effects of a reduction in excessive hours of work, together with the inauguration of staggered holidays, were reflected in a decrease in the rate of working afterwards.

Labour wastage varied considerably from one factory to another. Some of the conditions leading to a high rate were the employment of women unaccustomed to factory work, or married women whose domestic responsibilities prevented satisfactory adjustment to factory life; difficulties of shopping and getting suitable meals, and the problem of transport, were important in this connexion. Women, on the whole, lost more time than men, for reasons such as those given in the previous section. In conclusion, when it is remembered that many workers lived far from the factories and had to face air-raids when travelling to and from work; that some had lost their homes and had to sleep in improvised shelters; and that often they had to wait outside in the cold and rain because of inadequate transport arrangements, the time-keeping of the factory personnel studied deserves high praise.

& D. DISPENSING PRICE LIST

Drug index for the month of February from 130.4 to 132.0, compared with 129 in February 1941. The changes in cost and selling prices are:—

Post per	Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
		4 oz.	1 oz.	1 dr.
lb.	Acid. phosphoricum	s. d. 1 10	s. d. 0 8	s. d. 0 2
lb.	Ammon. citras ..	—	1 1	0 2
lb.	Aqua camph. conc.	2 8	0 10	0 2
oz.	Balsamum peruv. . .	—	2 8	0 5
lb.	Buchu ..	4 2	1 3	0 3
oz.	Butylchl. hyd. P.1 (8)	—	4 5	0 8
oz.	Camphor (flores) ..	—	2 4	0 4
lb.	Colchici exot. pulv. (20) P.1 (8)	—	0 7	0 1
dr.	Crocus ..	—	—	8 9
lb.	Cubeb. fruct. pulv.	—	1 4	0 3
lb.	Ext. agropyri liq.	2 7	0 10	0 2
oz.	Ext. sabæ liquidum	—	2 9	0 5
lb.	Ferri et am. cit. . .	2 0	0 8	0 2
oz.	Ferri et am. cit. vir.	2 9	0 10	0 2
oz.	Guaiaicol (cryst.) ..	—	4 0	0 7
oz.	Guaiaicol ..	—	3 9	0 7
lb.	Inf. buchu conc. . .	3 0	1 0	0 2
lb.	Linct. codein.	—	—	—
	B.P.C. Suppl. . .	2 6	0 10	—
lb.	Liq. caul. et pulsat.	4 6	1 4	0 3
oz.	Lithii hippuras ..	—	6 4	0 11
oz.	Lithii salicylas ..	—	3 0	0 5
lb.	Methylis salicylas..	1 7	0 6	0 1
oz.	Ol. anisi ..	—	8 6	1 3
oz.	Ol. cajuputi ..	—	2 6	0 5
oz.	Ol. menth. (demen.)	—	12 4	1 10
oz.	Ol. myrc. acris ess.	—	2 8	0 5
oz.	Ol. pinisylvest. fact.	—	2 8	0 5
oz.	Ol. rosmarini opt. . .	—	3 5	0 6
oz.	Ol. santali aust. . .	—	6 2	0 11
oz.	Ol. verbenæ ..	—	3 6	0 6
oz.	Opium pulver. D.D.	—	9 8	1 5
oz.	Phenobarb. B only	—	8. 10	1 4
oz.	Phenobarbitonum solubile R only	—	8 10	1 4
lb.	Potass. caustic. (stick) P.11 (15)	4 2	1 3	0 2
lb.	Potassii citras ..	1 9	0 7	0 1
lb.	Pot.ox. neut.P.11(8)	2 4	0 9	0 2
oz.	Pulv. conf. aromat.	—	4 2	0 8
oz.	Scam. virg. pulv. . .	—	2 4	0 7
oz.	Sodii. taurochol. . .	—	—	2 0
oz.	Spt. ætheris comp.	—	1 1	0 4
oz.	Spt. armorac. comp.	—	1 2	0 2
oz.	Spt.menth.pip.exot.	—	7 8	1 1
oz.	Sulphonal R only	—	11 6	1 8
oz.	Thymol ..	—	2 8	0 5
lb.	Tr. antiperiodica B.P.C. P.1 (9)	5 6	1 7	0 3
lb.	Tr. bryoniæ ..	3 0	0 11	0 2
lb.	Tr. buchu ..	3 3	1 0	0 2
lb.	Tr. lavandulæ ..	4 2	1 3	0 2
lb.	Ung. meth. sal. dil.	1 2	0 5	—
lb.	Ung. meth. sal. co.	6 6	2 0	0 4

TRADE MARKS

(From "The Trade Marks Journal," February 4, 1942.)

- "VALIANT": for soaps, perfumes, toilet articles, etc. (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 617,301 (Associated).
- "SEDANTOINAL": for pharmaceutical products (5). By Sandoz A.G., also trading as Sandoz S.A. and Sandoz, Ltd., 60 Fabrikstrasse, Basle, Switzerland. 617,110.
- "GELUSIL": for pharmaceutical substances and preparations (5). By W. R. Warner & Co., Ltd., Power Road, Chiswick, London, W.4. 617,403.
- "WONK": for paper, cardboard, toilet paper, etc. (16). By Wills & Hepworth, Ltd., Angel Yard, Market Place, Loughborough, Leicestershire. 615,537 (Associated).
- "BULVING": for beef extract (29). By Winstanley Supplies, Ltd., 64 Church Street, Enfield, Middlesex. 617,177.
- "RAVEX": for fruit extracts, beverage preparations, etc. (32). By R. Frenkel, 6 Percy Street, London, W.1. 617,245.

APPLICATION AMENDMENT

According to "The Trade Marks Journal," February 4, 1942, the address of Knoll, Ltd., applicants for trade mark No. 616,717, has been altered to 60 Welbeck Street, London, W.1.

CONVERSION OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation): Nos. 52,848; 53,928; 54,242; 54,435; 54,780; by J. Crosfield & Sons, Ltd.

(From "The Trade Marks Journal," February 7, 1942)

- "EMBACOID": for cellulose acetate in the form of sheets, rods, tube and film (1). "EMBA-FILM": for cellulose acetate in the form of film (1). By May & Baker, Ltd., Dagenham, Essex. 617,335-36. (Both Associated.)
- "MASTER KEY": for industrial chemicals (1). By G. W. Marsden, Ltd., Cross Lane, Primrose Hill, Huddersfield. 617,523.
- "LASSOLAC": for varnish (2). By Herts Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, Herts. 617,164. (Associated.)
- "COMFA": for soaps, perfumery, cosmetics, hair lotions and dentifrices (3), and for pharmaceutical substances and preparations, medical and surgical plasters, materials prepared for bandaging (5). By W. Smith, 5 King Street, Alfreton, Derbyshire. 617,211-12. (Both Associated.)
- "TAKAZYMA" (advertised before acceptance): for medicines for internal use, containing diastase, calcium carbonate, magnesium carbonate and bismuth subcarbonate (5). By Parke, Davis & Co., Foot of McDougall Avenue, Detroit, Michigan, U.S.A. 609,325. (Associated.)

PROTECTION OF CONCRETE TANKS

IN using concrete tanks for storing chemical solutions deterioration of the tanks often takes place, causing loss of liquid through seepage. One remedy for this is to paint the inside of the tanks with chlorinated rubber, dissolved in an organic solvent. This leaves on the surface of the concrete a tenacious, non-inflammable and non-porous film, which possesses remarkable properties of resistance to all kinds of corrosive and deleterious influences, including almost every known acid or alkali, dilute or concentrated. All types of surface can also be treated in this way, including iron, steel, and other metals, brick, asbestos cement, plaster, and wood.

In one establishment a concrete tank used for bleach liquor made from bleaching powder was affected to such an extent that it lost several gallons per day through seepage. After being cleaned, however, it was given three coats of a chlorinated rubber solution, and although this treatment was carried out about five years ago the tank is still entirely free from seepage.

For the protection of iron and steel against corrosion another variety of chlorinated rubber solution contains about 92 per cent. finely powdered zinc. This has the effect of giving additional true anodic protection, so that there is a tendency to attack the zinc and not the iron or steel. In the establishment already mentioned great trouble was caused by corrosion of a cold-water pipe which passed through a hot and steamy atmosphere, so that water was continually condensing on the surface, representing ideal conditions for corrosion. The life of cold-water pipe under these conditions is about six months but after several coats of the latter type of chlorinated rubber solution this pipe has so far remained intact and unaffected after four years.

For stopping leakages in tanks and similar apparatus chlorinated rubber products are available as soft pastes and also as thin flexible sheetings, while another modification will stand a temperature up to that of boiling water.

A LEGAL COMPENDIUM

THE scope of "The Law Relating to the Marketing and Sale of Medicines," by H. E. Chapman, Barrister-at-Law (H. Burt & Son, Ltd., Bedford, pp. 169, 7s. 6d.), is indicated in the preface as a simple exposition of the law relating to the manufacture, advertising, labelling and sale of prepared and proprietary medicines. The book does not deal specifically with the sale of poisons on the lines of THE CHEMIST AND DRUGGIST Poisons Guide, but sets forth the requirements of the principal Acts of Parliament governing trade in medicines, taking into account the changes effected by the Pharmacy and Medicines Act, 1941. The author has presented the technicalities of the subject clearly and without elaboration: the manual forms a handy book of reference, is well printed and has a good index. Occasionally (for instance, on p. 25) there appears to be an over-simplification: but this may be consistent with the scheme of treatment.

The work of the Proprietary Articles Trade Association, of which Mr. Chapman has been general secretary for a long period, is briefly described, and suggestions are made on some of the doubtful points arising from last year's Act. One such point is the disclosure of approximate per-

centages: the author considers that the margin of error permissible in dispensed medicines sampled under the Food and Drugs Act, 1938, may be taken as a precedent. Another point is the limits of recommendation: the mere inclusion of a dose on a label will not, in Mr. Chapman's view, constitute a recommendation "unless and until" a legal decision to that effect is given. Again, disclosure of formula should, he believes, extend to each separate wrapper in the case of powders, pills or tablets sold "loose." Like other students of the Poisons Rules, he has not succeeded in clearing up the ambiguity of the expression "words with which the container of the poison is required to be labelled under the Act or these Rules" in Rule 19 (2) (b). It is difficult to reconcile the statement on pp. 100 and 101 that these words comprise words indicating the name and proportion of the poison with the seventh specimen label on p. 112. It may be noted, however, that the Poisons Rules were issued more than six years ago, that the trade has generally agreed to interpret this expression (whatever it was intended to mean) in one way, and that this way has not been challenged in a court of law. The book is timely, and will supply an obvious need.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, March 4

No outstanding developments have intervened in the London drug and chemical markets during the past week. Business, though not in large volume, has been fairly steady, and consumers have been supplied with most of their immediate requirements. With one or two exceptions, prices remain at about the levels recorded last week. In PHARMACEUTICAL CHEMICALS no changes have been notified in makers' schedules, and business generally has been on rather restricted lines. ACETANILIDE, in fair demand, is quoted at unchanged rates. There is no change in the supply position of BENZALDEHYDE, limited amounts of which are now coming forward. Fair quantities of BENZOIC ACID are available for medical purposes. GUAIACOLS remain in limited supply.

Crude Drugs

Most of the business in these commodities has again come from the home consuming trades, but the total business done has been rather less than of late. Prices are mostly firm and without fluctuation. Some business is still being done in Japanese GEAR, but transactions are confined to a few odd bales of unrestricted material. It is understood that import licences have been granted for Curaçao ALOES, but no information is available of any business having been done. English producers of ANTIMONY are quoting at unchanged rates. No movements have occurred in the BALSAMS group. BENZOIN continues to attract a good deal of attention, and fair business is reported. High prices are still being asked for the small available supplies of BUCHU LEAVES. High prices are being paid for small spot supplies of CASCARA SAGRADA. CHILLIES are firm but unchanged. First hand stocks of DRAGON'S BLOOD seem to be exhausted and no offers are being made. West African NIGER has advanced on spot by 2s. 6d. per cwt. Very firm conditions obtain for ECACUANHA and both Matto Grosso and Amazonian. Fair advances in price. Fair inquiries have been received for RHUBARB. GELAC is firm and dearer on spot. Japanese BEESWAX is unquoted, and fatty grey and Primeira CARNAUBA are dearer on spot.

Essential Oils

Price changes in essential and fixed oils have been few, and business continues quiet and of a routine kind. Fair inquiries have been received for ANISE (STAR), but present high prices are unattractive to buyers. Spot prices for BAY have been well maintained. CAJUPUT is firmly held. Spot supplies of CANANGA are not easy to find, and values are nominal. Supplies of CASSIA cannot be found to meet the continued demand. CEDARWOOD is nominal on spot and without forward quotation. English distillers of CLOVE are maintaining their prices at recent levels. PALMAROSA is a shade dearer for shipment. Some spot business is reported done in Chinese PEPPERMINT at high prices. The Ministry of Food announced on February 26 that there will be no changes in existing prices for oils and fats allocated to primary wholesalers and large trade users for the four weeks ending March 28.

Exchange Rates on London

No movement has occurred in the foreign exchanges during the week. Bank of England fixed rates at the opening on March 4 included: New York, 4.03 dollars; Montreal, 4.45 dollars; Lisbon, 100 escudos; Stockholm, 16.90 kroner; Zurich, 17.35 francs; Buenos Aires, 17.04½ paper pesos; Netherlands Indies, 7.60 florins. The official Madrid rate remains at 40.50 pesetas and the free rate at 46.55. The Chinese national dollar is at 3½d.

Pharmaceutical Chemicals

ASPIRIN.—Makers' prices are steady at the recent advance:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
From 1 lb. . .	s. d. 4 1½	—	—	—	—
From 4 lb. . .	4 0½	3 10½	—	—	—
From 7 lb. . .	3 11½	3 9½	3 9½	—	—
From 14 lb. .	3 10½	3 8½	3 8½	3 8	—
From 28 lb. .	3 9½	3 7½	3 7½	3 7	3 6½
1 cwt. . .	3 2½	3 0½	3 0½	3 0*	2 11½
5 cwt. . .	3 2	3 0½	2 11½	2 11½*	2 11
10 cwt. . .	3 1	2 11½	2 10½	2 10½	2 10

* 8 × 14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—In routine demand at steady prices: Under 5,000, 3s. 3½d.; 5,000, 3s. 1½d.; 10,000, 3s. 0½d.; 25,000, 2s. 10½d.; 50,000, 2s. 9½d.; 100,000, 2s. 8½d.; 250,000, 2s. 8d.; 500,000, 2s. 7½d.; 1,000,000, 2s. 6½d.; 2,000,000, 2s. 5½d. per 1,000.

ATROPINE.—Makers' prices continue steady: **ALKALOID**, 28s. per oz., 4 oz., 28s. 6d., and 25 oz., 28s. per oz. **SULPHATE**, 23s. per oz.; 4 oz., 22s. 6d., and 25 oz., 22s. per oz. Bottles, under 5-gm. or ¼-oz., corked, 3d.; stoppered, 5d.; 5-gm. to 25-gm. or ¼-oz., corked, 3½d.; stoppered, 6d.; 25-gm. or 1-oz., corked, 3½d.; stoppered, 7½d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d. each; 100-gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BARBITONE.—In restricted supply at about 45s. per lb., if available. **SODIUM BARBITONE** is at about the same figure.

BENZALDEHYDE.—The supply position remains as noted last week. Values are unchanged at between 5s. and 5s. 6d. per lb.

BENZOIC ACID.—Makers report that fair supplies are available for therapeutic purposes. Prices are steady at about 2s. 6d. to 3s. per lb., according to quantity.

BENZYL BENZOATE.—For medical purposes only, approximately 4s. 6d. to 5s. per lb.

BISMUTH SALTS.—Makers' prices steady:—

Salt	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
Carbonate ..	s. d. 11 3	s. d. 10 9	s. d. 10 0	s. d. 8 7	s. d. 8 4
Citrate ..	13 4	12 10	12 1	10 4	10 1
Nitrate, cryst.	7 7	7 1	6 4	5 7	5 4
Oxide ..	15 4	14 10	14 1	12 0	11 9
Salicylate ..	11 9	11 3	10 6	9 0	8 9
Subchloride ..	14 11	14 5	13 8	11 8	11 5
Subgallate ..	12 10	12 4	11 7	10 1	9 10
Subnitrate ..	9 11	9 5	8 8	7 6	7 3

Rebate of threepence per lb. allowed off 1-cwt. prices on sales of not less than 2 cwt., or against contracts of not less than 2 cwt., provided whole of contract quantity is ordered within three months. Contracts subject to rise-and-fall clause. Prices net; payments in fourteen days. For quantities of 28 lb. and upwards, in the home trade, an extra charge of threepence per lb. is made for 1-lb. cartons and 1-lb. parcels, even when repacking into cartons or parcels is effected by purchaser. Smaller quantities than 28 lb. are not subject to this extra charge. Under present conditions all prices and sale terms are without engagement.

BORAX, B.P.—Makers' prices are as follows: Granulated, £39 10s. per ton; crystals, £40 10s.; powder, £41, packed in one-cwt. bags, delivered carriage-paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

BORIC ACID, B.P.—For one-ton lots and upwards, in one-cwt. bags, delivered carriage-paid in Great Britain, makers quote as follows: Granulated, £60 15s. per ton; crystals, £61 15s.; powder, £62 15s. Commercial grades, £8 per ton less.

BROMIDES.—Makers' prices per lb. for lots of **POTASSIUM** are as follows: 2s. (28-lb. parcels); 2s. 10d. (14-lb. parcels); 2s. 10½d. (7-lb. parcels); 2s. 10¾d. (4-lb. parcels); 3s. 0½d. (1-lb. parcels). Prices of **SODIUM** are at one penny per lb. above the prices, and for **AMMONIUM** threepence per above.

CITRATES.—Makers' prices were advanced February 2 by threepence per lb. New prices for **POTASSIUM, B.P.**, are given in table below and prices of **SODIUM, B.P.**, are at one penny below, and **IRON** and **AMMONIUM (SCALES), B.P.**, at threepence per lb. above the tabulated prices—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb.	s. d. 3 6	s. d. —	s. d. —	s. d. —	s. d. —
From 4 lb. ..	3 5	3 3½	—	—	—
From 7 lb. ..	4 4	3 2½	3 1	—	—
From 14 lb. ..	3 3	3 1½	3 0½	3 0½	—
28 lb to 1 cwt.	3 2	3 0½	2 11½	2 11½	2

Prices net. All packages charged extra. It is a condition of sale that buyers shall not re-sell at prices below values given.

ETHERS (METHYLATED).—The following makers' prices:—

Specific gravity and grade	Winchester quarts, per lb.	Not less than		Draught carb. per
		6 w. qts., per lb.	12 w. qts., per lb.	
	s. d.	s. d.	s. d.	s. d.
0.750	1 5½	1 4½	1 4½	1
0.735	1 5½	1 5½	1 4½	1
0.730	1 5½	1 5½	1 4½	1
0.725	1 7½	1 7½	1 6½	1
0.725 triply rectified	2 0½	1 11½	1 11½	1
0.720	1 8½	1 8½	1 7½	1
0.717	2 2½	2 2½	2 1½	2
0.720 B.P., not for anaesthesia	1 10	1 9½	1 9	1

Net prices, usual terms. Special prices for quantities contracts, subject to rise-and-fall clause. Prices of anæsthetic ethers unchanged.

COCAINE.—British makers' current wholesale prices are as follows: **HYDROCHLORIDE** and **NITRATE**, 25 oz. and over, 35s. 8d.; 16 and less than 25 oz., 36s. 10d.; over 8 and less than 16 oz., 38s. per oz. **ALKALOID**, **CITRATE**, and **SALICYLATE**, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 1d.; over 8 oz. and less than 16 oz., 41s. 7d. per 16-oz. packages free, smaller packing extra. Scale of prices applicable to distributors smaller quantities is as follows: **HYDROCHLORIDE** and **NITRATE**, 8 oz., 40s.; 4 oz., less than 7 oz., 40s. 7d.; 2-oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. ½ oz. and less than 1 oz., 44s. 2d.; ½ oz. and less than ¼ oz., 47s. 3d. per oz. **ALKALOID**, **CITRATE** and **SALICYLATE**, 8 oz., 43s. 5d.; 4

less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 44s. 2d.; $\frac{1}{2}$ oz. and less than 1 oz., 47s. 9d.; $\frac{1}{4}$ oz. and less than $\frac{1}{2}$ oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyer's undertaking not to re-sell any quantity on a low scale current at time of re-sale. Export prices vary according to destination.

GLYCERIN.—The following are the current prices for small quantities: 1-cwt. drum, 86s. 6d.; 56-lb. tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, 100s. per cwt. All prices are subject to discount of $2\frac{1}{2}$ per cent. for cash in twenty-one days.

GUAIACOLS.—Limited supplies of CARBONATE of GUAIACOL. Crystals are stated to be available at 13s. per lb.

IODIDES.—Steady at makers' prices: POTASSIUM IODIDE, B.P.—112 lb., 8s. 8d.; 28 lb., 22s. 2d.; 14 lb., 9s. 8d.; 7 lb., 11s.; 4 lb., 12s. 6d.; smaller quantities, 12s. per lb. SODIUM IODIDE, B.P.—28 lb., 9s. 6d.; 14 lb., 11s. 7d.; 4 lb., 12s. 3d.; smaller quantities, 13s. 1d. per lb. IODOFORM, B.P.—10 lb., 12s. 1d.; 14 lb., 12s. 7d.; 7 lb., 14s. 9d.; 4 lb., 15s. 7d.; smaller quantities, 16s. 5d. per lb. IODINE RE-SUBLIMED, B.P.—112 lb., 11d.; 28 lb., 10s. 5d.; 14 lb., 10s. 11d.; 7 lb., 12s. 6d.; 4 lb., 13s. 2d.; smaller quantities, 13s. 11d. per lb.

MERCURIALS.—Controlled prices for quantities up to two cwt. are as follows:—

Mercury compound	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.
Mercuric iodide, powder ..	12 0	11 8	11 7
Mercuric iodide (industrial qual.) ..	12 0	11 8	11 7
Mercuric iodide, lump ..	12 7	12 3	12 2
Mercuric chloride, powder ..	13 10	13 6	13 5
Mercuric chloride, lump ..	13 8	13 4	13 3
Mercuric chloride (mercurous) ..	14 2	13 10	13 9
Mercuric chloride, red crystalline, B.P. ..	15 11	15 7	15 6
Mercuric chloride, red levigated, B.P. ..	15 5	15 1	15 0
Mercuric chloride, red technical ..	All quantities—14s. 8d. per lb.		
Mercuric chloride, yellow levigated, B.P. ..	15 4	15 0	14 11
Mercuric chloride, yellow technical ..	All quantities—14s. 4d. per lb.		

Prices free for quantities of 28 lb. and over; delivery free on orders of £20 and over.

MERCURY IODIDES.—Makers' prices are unchanged, as follows: RED, less than 7 lb., 10s. 11d.; not less than 7 lb., 16s. 8d.; not less than 14 lb., 16s. 2d. GREEN, less than 7 lb., 10s. 11d.; not less than 7 lb., 18s. 8d.; not less than 14 lb., 18s. 2d. YELLOW, less than 7 lb., 10s. 11d.; not less than 7 lb., 20s. 4d.; not less than 14 lb., 19s. 10d. per lb. net, carriage paid.

ETHYL SALICYLATE.—The following are makers' current prices: Five cwt., 1s. 10d. per lb.; one cwt., 1s. 10 $\frac{1}{2}$ d.; smaller lots, in cases, 2s. 0 $\frac{1}{2}$ d. per lb.

QUININE.—The basic price of sulphate remains at £14 17s. 5d. per 100 oz., f.o.b., the price for the home market being in the region of 3s. 6d. per oz.

SALICYLIC ACID (B.P.).—Makers' prices are steady at the recent increase:—

In containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb.	2 8 $\frac{1}{2}$	—	—	—	—
From 4 lb. ..	2 7 $\frac{1}{2}$	2 5 $\frac{1}{2}$	—	—	—
From 7 lb. ..	2 6 $\frac{1}{2}$	2 4 $\frac{1}{2}$	2 4 $\frac{1}{2}$	—	—
From 14 lb. ..	2 5 $\frac{1}{2}$	2 3 $\frac{1}{2}$	2 3 $\frac{1}{2}$	2 3	—
28 lb.—1 cwt.	2 4 $\frac{1}{2}$	2 2 $\frac{1}{2}$	2 2 $\frac{1}{2}$	2 2	2 1 $\frac{1}{2}$
1-5 cwt. ..	2 0 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 9 $\frac{1}{2}$

* 8 x 14 lb. and upwards, in one delivery, 3d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale current at time of re-sale.

SANTONIN.—The following prices are for the home trade: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

SULPHONAL.—In poor supply at the figures quoted last week.

TANNIC ACID.—Supplies are restricted, and any available small supplies would be worth about 7s. per lb.

VANILLIN.—Makers' prices are steady at the recent advance: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

ACONITE ROOT.—Dealers would require about 2s. per lb. for any small available spot supplies of Indian root.

AGAR.—A small amount of business is still being transacted in this market, and a few bales of unrestricted Kobe No. 1 are reported to have changed hands at 62s. 6d. per lb., but some holders are asking 75s. per lb. Supplies for medicinal use are practically unobtainable. Material for bacteriological use is selling slowly at between 25s. and 30s. per lb.

ALOES.—Fair supplies of Cape are stated to be available at around 57s. 6d. per cwt. It is understood that some licences have been issued for Curaçao and offers are at between 420s. and 450s. per cwt., c.i.f., but no business has yet been noted.

ANTIMONY.—English minimum 99 per cent. regulus is unchanged on the week at £120 per ton, delivered; 70 per cent. crude for home trade is quoted at £100 per ton, delivered.

ARECA NUT.—A few odd inquiries are being received, but stocks are now rather restricted. Dealers would require about 5 $\frac{1}{2}$ d. per lb. for any remaining supplies.

BALSAMS.—*Tolu* continues in good inquiry, but spot supplies are scarce; price would be in

the region of 9s. to 9s. 3d. per lb. *Copaiba*, B.P., in poor supply, is quoted at the nominal price of 9s. per lb. *Canada*, on spot, would be worth about 7s. 6d. per lb., and *Peru* about 7s. 9d. per lb., ex store U.K., duty paid.

BENZON.—In good inquiry, with a fair business passing. Stocks are on the low side and recent arrivals have been restricted to pharmaceutical use. Some *Sumatra* on spot is offered at from £12 upwards per cwt. Free almondy, spot, is offering at the unchanged price of about £25 per cwt.

BISMUTH METAL.—High-grade metal is unchanged on the week at 6s. 3d. per lb. for minimum 5-cwt. lots.

BUCHU.—The spot value of fair green rounds would be in the region of 5s. 6d. to 5s. 9d. per lb., according to holder. Spot supplies are restricted, and nothing is coming forward.

CAMPHOR.—A fair business is reported at about the prices recorded last week. Chinese B.P. powder, about 11s. 6d. to 12s. per lb.; slabs, about 11s. 6d. per lb., to approved buyers. Chinese crude (92 to 93 per cent.) would be worth about 10s. 6d. per lb. Restricted quantities of English synthetic B.P. are understood to be available for supply to regular customers at 7s. per lb.

CARDAMOMS.—Little demand has been forthcoming, and prices of all grades are unchanged: Spot, Aleppy greens, 5s. 3d. per lb.; Aleppy seed, 6s.; Bombay seed, 5s. 6d.; Mangalore seed, 6s.; shipment, Aleppy greens, 4s. per lb., c.i.f.; Bombay seed, 4s. 10d., c.i.f.; Mangalore bleached A, 5s. 3d. c.i.f.; Mangalore bleached B, 4s. 9d. per lb., c.i.f.

CASCARA SAGRADA.—The position as outlined last week is unchanged, and no information has been forthcoming regarding importation and distribution under the terms of the Lease-Lend Act. Inquiry has been substantial throughout the week with some spot business reported done at the following figures: 1941 peel, 210s. per cwt.; 1940 peel, 250s. per cwt. Remaining supplies are small.

CASCARILLA BARK.—Small supplies of quills should be available on spot at around 3s. 3d. per lb., and siftings at about 2s. 6d. per lb.

CHILLIES.—Values are firm, but business has remained on restricted lines. Spot, Zanzibar, 175s. per cwt.; Mombasa, 175s., sellers; Sierra Leone and Sudan, both 175s. per cwt., duty paid.

CINCHONA BARK.—Any available spot supplies of South American would fetch about 1s. 9d. per lb., ex store.

CLOVES.—No further movements have occurred in this market. Zanzibar, sellers on spot at 2s. 4d. per lb.; Madagascar unquoted.

COCHINEAL.—Small business, with stocks low. Spot, grey, about 5s. per lb.; black, about 5s. 3d. per lb.

COCOA BUTTER.—The official maximum price remains at 1s. 5½d. per lb., ex factory or warehouse, except under Ministry of Food licence.

COCONUT (DESICATED).—The maximum price, as fixed by a Ministry of Food Order, is 49s. per cwt.

COLCHICUM.—Any remaining small supplies of Indian corms would fetch about 3s. per lb. on spot.

COLOCYNTH.—Routine inquiry, but business is small. Any small available supplies of medium grade would be worth approximately 4s. 3d. to 4s. 6d. per lb. on spot.

DANDELION ROOT.—Indian root is quoted by dealers on spot at around 120s. per cwt., ex store.

DERRIS ROOT.—The position is unchanged with no market business being done.

American sources state that the production of derris in Guatemala is still in an experimental stage. One firm which has gone into the cultivation of *Derris elliptica* has stated that its production up to mid-October, 1941, did not exceed 200 lb., and that it is still working on the problem of increasing rotenone content. Cultivation of derris root in the Netherlands Indies is understood not to have commenced until about 1937, but since that year there has been a steady increase in production 5,000 hectares were planted in 1939, 6,500 in 1940 and 8,000 in 1941. In addition there is a large amount of native cultivation. It is estimated that 1,000 metric tons were exported in 1941.

DIGITALIS LEAVES.—Steady conditions obtain for Portuguese which are quoted on spot at from 135s. to 140s. per cwt., ex store.

DRAGON'S BLOOD.—Stocks in first hand appear to be exhausted, and no offers are being made.

ERGOT.—Some business is reported at the prices quoted last week, i.e. spot about 7s. 6d. per lb., and shipment around 7s. per lb., c.i.f.

GINGER.—Spot quotations for West African show an advance of 2s. 6d. per cwt. on the week with sellers at 180s.; shipment, new-crop, 125s. c.i.f. Cochin, unwashed, spot, 177s.; afloat 150s.; new-crop, 95s., c.i.f. Jamaica No. 3 spot, 220s.

GRAINS OF PARADISE.—Small steady spot sales continue at approximately 1s. 10d. per lb.

GUM ACACIA.—Kordofan cleaned sorts for unrestricted use is quoted on spot at the nominal figure of 225s. per cwt.; restricted material is valued at about 200s. per cwt. shipment, nominal at 70s. per cwt., c.i.f.

HONEY.—Details of official first-hand whole sale and retail prices for imported and maximum retail prices for home-produced were given in the *C. & D.*, August 30, 1941, p. 119.

HYDRASTIS.—Spot stocks are exhausted, and no news has been received of any Lease-Lend supplies.

IPECACUANHA.—Market firm, with Matteo Grosso dealer on spot at about 18s. 3d. per lb. shipment price for March-April would be nominal at about 16s. per lb., c.i.f.; the March-April shipment price for Minas is around 11s. 4d. per lb., c.i.f., making the spot value about 12s. 3d. per lb. Current prices for Ext. IPECACUANA, in winchester quarts, are as follows: B.P. 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s. twelve and over, 24s. 6d. per lb. B.P., 1914 under three, 24s. per lb.; three and under six 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

LABORANDI.—About 60s. per cwt. would be required for fair quantities on spot; smaller reels would be dearer.

JALAP.—Brazilian, 16 per cent., is offered on spot at approximately 125s. per cwt.

LIQUORICE ROOT.—For Indian root on spot between 85s. and 90s. per cwt. would be required.

MENTHOL.—Conditions remain about the same as last week. Chinese would not now be available under about 72s. 6d. per lb., and any large cases of Japanese would fetch about 2s. 6d. per lb.

MERCURY.—Prices for quantities of over 7 lb. subject to the Control of Mercury (No. 6) Order (C. & D., May 10, p. 295). Quantities of 7 lb. and under were decontrolled by the Control of Mercury (No. 7) Order (C. & D., October 18, 1936). Official prices range between £48 and 15s. per bottle of 76 lb., ex warehouse depot.

MUX VOMICA.—Dealers are offering Cochin on spot at approximately 37s. 6d. per cwt.

ORANGE PEEL.—Any small available supplies of bitter quarters would be worth about 2s. 9d. per lb. on spot.

PAPAIN.—Spot values of any available supplies would be from 16s. to 17s. per lb., according to quality.

PEPPERS.—The maximum spot price in bond for unpicked whole black Lampung is 5d. per lb., and for whole white Muntok, 8d. per lb.

PEPIMENTO.—Sellers on spot offer at the unquoted price of 1s. 10d. per lb.; shipment, March–April, 150s. per cwt., nominal.

PODOPHYLLUM.—Dealers offer *Emodi* on spot at about 70s. per cwt.

PYRETHRUM.—A small but steady business is being done. Dealers' prices for spot supplies remain at about 160s. to 170s. per cwt.

QUASSIA CHIPS.—About 7½d. per lb. would be wanted by spot holders of any small available supplies.

QUILLAIA BARK.—Crushed bark on the spot would be worth approximately 140s. per cwt., and supplies are not plentiful.

RUBARB.—A fair inquiry has been received, and spot supplies of rough-round are not generally available under about 7s. 3d. per lb., and some holders asking 7s. 9d.

RUBBER.—Unquoted until further notice.

SARSAPARILLA.—The spot value of native English would be in the neighbourhood of 2s. 9d. per lb.

SEEDS.—ANISE.—Turkish, spot, nominal at 1s. CANARY.—No spot stocks available.

CAJUPUT.—No spot stocks available. CORIANDER.—Morocco, spot, nominal at 210s., duty free; Indian, quoted at 180s., duty free; English, 210s. CUMIN.—Indian, spot, 140s., duty free; Malta, 155s., duty free. DILL.—Indian, now afloat, sold at 140s., c.i.f. U.K.

FENNEL.—Indian, spot, sold at 90s., duty free. FENUGREEK.—Morocco, spot, offered at 125s., ex northern port. MUSTARD.—English, 120s. to 130s., according to quality.

SENEGA.—In small routine inquiry. Spot, if available, would be about 7s. 3d. to 7s. 6d. per lb.

SENNA.—Quiet and unchanged. Hand-picked Alexandrian pods, in rather restricted supply on spot, about 4s. 6d. to 5s. 6d. per lb.; Alexandrian leaves, siftings, would be worth about 1s. 3d. per lb.; hand-picked Tinnevely pods would fetch between 1s. 3d. and 1s. 5d. per lb. for selected, and about 8d. for f.a.q.

SHELLAC.—Firm, with standard TN orange valued at 192s. 6d. per cwt. on spot; shipment, nominal at 165s., c.i.f. Pure button, spot, unquoted; fine orange, spot, quoted at 230s. to 280s. per cwt.

SLIPPERY ELM BARK.—Steady, with business quiet and stocks low. Wired bundles would be worth about 2s. 6d. per lb., and grinding quality about 1s. 3d. per lb.

SQUILL.—In good supply at steady prices. Spot, about 75s. to 90s. per cwt., according to quality.

STRAMONIUM LEAVES.—The spot value of Indian leaves would be in the region of 110s. per cwt.

STROPANTHUS SEED.—100 per cent. Kombé would be worth about 10s. 6d. per lb. on spot, with 90 per cent. at a lower figure.

TRAGACANTH.—Medium grades are unchanged as follows: No. 1, white, £155; No. 2, white, £145; No. 3, white, £120; pale leaf, £105; amber leaf, £85; red leaf, from £40; woody and hoggy, from £25, ex store.

TURMERIC.—Spot, Madras finger, sound quality, quoted at 75s.; wormy, 72s. 6d., sellers.

VALERIAN ROOT.—Spot values of Indian are easier at about 115s. to 120s. per cwt., according to quality.

WAXES.—BEES'.—Spot is nominal at 290s. per cwt.; in bond, 265s.; Dar-es-Salaam, nominal at 290s.; Japanese, unquoted. CARNAUBA.—Fatty grey, a little dearer on spot at 520s.; chalky grey, unchanged at 490s.; Primeira, dearer at 600s. per cwt.

WITCH HAZEL (LIQUID EXTRACT).—No news has yet been received regarding importation and distribution under the terms of the Lease-Lend Act.

Essential and Expressed Oils

ANISE (STAR).—In fair inquiry, with some business passing. Spot, drums, about 51s. to 52s. per lb.; tins in cases, about 53s. 6d. per lb. Spot stocks are difficult to locate.

BAY.—In small supply, with the spot value between 10s. and 12s. per lb.

BOIS DE ROSE.—No change has been noted in the spot price of about 27s. to 30s. per lb.

CAJUPUT.—Spot supplies are firmly held for around 14s. per lb.

CANANGA.—Spot supplies are difficult to find; they would be valued at the nominal figure of 60s. per lb.

CASSIA.—There are no supplies available to meet the continued demand.

CEDARWOOD.—The nominal value of spot would be 6s. 6d. per lb.; there are no forward quotations.

CINNAMON LEAF.—No change has occurred in the spot price of about 14s. per lb.; shipment, if obtainable, would be in the region of 12s. 6d.

CITRONELLA.—Ceylon, spot, about 16s. 3d. per lb.; Java, spot, sellers at 23s. per lb., duty paid.

CLOVE.—English distillers maintain their prices at between 15s. 6d. and 18s. per lb., but supplies are restricted.

EUCALYPTUS.—No change has occurred in the spot value of 70 to 75 per cent. oil at 5s. to 5s. 6d. per lb.

GERANIUM.—Prices are nominal and would be a matter for negotiation.

GROUNDNUT.—Refined deodorised is officially priced at £40 per ton, naked ex works, in bulk.

LAVENDER.—About 85s. per lb. would represent the present spot value of any good-quality.

LIME.—Genuine West Indian distilled, if available on spot, would be worth about 62s. 6d. per lb., with hand-pressed about 10s. per lb. higher.

LINSEED.—Controlled price of £41 10s. per ton for large bulk quantities of crude, naked ex works, is unchanged. Distributors' prices for ordinary quantities would be higher.

PALMAROSA.—Spot value is unchanged at about 36s. per lb.; forward quotations are a shade higher at about 26s. per lb., c.i.f.

PATCHOULI.—Nominal on spot at around 60s. per lb.

PEPPERMINT.—Inquiry has again been fair, with some spot business reported done in Chinese at 77s. 6d. per lb. American would be worth between 95s. and 100s. per lb. on spot.

PETITGRAIN.—Spot would be worth about 25s. per lb., if available.

PINE.—The following are the maximum prices recently fixed by the Ministry of Supply for oil in containers supplied by seller: 5 gall., 8s. 5d.; 10 gall., 8s. 2d. per Imperial gallon, both duty paid, ex store or warehouse, for net cash. A reasonable extra charge may be added for credit.

SANDALWOOD.—Genuine East Indian Mysore remains at 30s. per lb., for delivery in one-case lots. Australian would be at about 28s. 6d.

SASSAFRAS.—Any available supplies of spot would fetch about 17s. 6d. per lb.

SPEARMINT.—Spot value of small quantities would be about 30s. per lb.

THYME.—The spot value of medium quality would be about 16s. per lb., but higher phenol-containing oils would be dearer.

TURPENTINE.—The following maximum prices were fixed recently by the Ministry of Supply. In containers supplied by seller, 5 gall., 7s. 11d. to 10 gall., 7s. 8d. per Imperial gallon, both duty paid, ex store or warehouse, for net cash. A reasonable extra charge may be added for credit.

WORMSEED.—In restricted supply at about 30s. per lb. on spot.

BEESWAX PRODUCTION

BEESWAX, according to the United States Department of Commerce, is produced in Brazil in amounts considerably in excess of local requirements. The surplus is exported on a fair scale from Rio de Janeiro by local firms specialising in native products, rarely by bee-keepers themselves. The State of Parana also has substantial quantities of beeswax available for export to the bee-keepers selling the wax to large dealers and exporters. The entire production of beeswax in Sao Paulo—37,268 kilos in 1938—was, however, consumed locally. Brazil has been the largest single supplier of beeswax to the United States for many years. A total of 1,351,000 lb. was imported from Brazil during the first nine months of 1941, and 1,573,000 lb. during the entire year 1940. Exports of beeswax to other countries from Brazil amounted to 1,635,000 lb. in 1940, against 2,124,000 lb. in 1939 and 868,000 lb. in 1938.

Chile and Peru

The bulk of the beeswax shipped abroad from Chile during the first part of 1941 was destined for the United States. Total exports amounted to 248,451 kilos during the first eight months, of which 237,000 kilos was shipped to the United States and 7,413 kilos to the United Kingdom. This is a considerable increase over figures for the corresponding periods of 1939 and 1940 when total exports amounted to 147,600 and 142,000 kilos.

Beeswax is produced chiefly in the Chilclayo, Piura and Cajamarca districts of Peru. Present production is rather small and only limited quantities are available for export. Recently a few local firms studied the possibilities of exporting beeswax on a commercial scale, but abandoned the idea as impractical because of uncertain and non-uniformity of the quantities available. Nevertheless, exports of beeswax from Peru amounted to 7,125 kilos in 1941 against 5,251 kilos in 1939, and 4,901 kilos in 1938. The full amount exported in 1941 went to the United States; previously the chief destination was the United Kingdom.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

The C.F. Penalty Scheme

SIR,—In support of the efforts of Mr. Mallinson and the N.P.U. Executive, I suggest that the primary duties of pharmacists, now, are: (1) To sign the new C.F. agreement form and back C.F. firms to the utmost possible extent (this being the only road at present to the goal—all medicines supplied by registered pharmacies only); (2) to see that their local branches hold meetings at once to ensure 100 per cent. support for the C.F. scheme, and to formulate resolutions demanding, when the present contract expires in December next, much more adequate remuneration for N.H.I. dispensing. The Bath Branch of the N.P.U. has led the way in this respect. It is vital, however, that all branches send resolutions to the N.P.U. Executive in support of Bath's proposals. The future of retail pharmacies will be built upon "own-pack" and C.F. proprietaries together with gradually increasing (remember that!) N.H.I. dispensing—and the latter must be at a remuneration compatible with our professional training, qualification and service. The policy of the Society's Council is, of course, to give all possible support to these efforts, which bear directly upon the welfare of employee as well as of employer pharmacists. Unity in pharmacy will thus be achieved.

Bath.

E. C. HASKINS.

SIR,—The following is the text of a letter dispatched to Mr. Mallinson, secretary of the National Pharmaceutical Union: "At recent meeting of the Bath Branch of the N.P.U. protests were made against the inclusion of a 'penalty clause' in the Chemists' Friends contract form circulated to all N.P.U. members. Subsequent discussion revealed the following lamentable situation. Some pharmacists (a) doubted the value of the C.F. scheme, i.e., its indisensability to the pharmacist; (b) declared that C.F. manufacturers would have abandoned the scheme had it not proved financially beneficial to themselves; (c) regarded most cynically any suggestion that the C.F. scheme was vital to the security of the pharmacist. Amazed by the complacency and condescending attitude revealed at this meeting, I demanded that the Bath Branch hold a full C.F. debate in the very

near future. This was granted. I suggest that the N.P.U. Executive should consider the necessity for the following: (1) Support for the C.F. scheme and signing of the C.F. contract to be a condition of membership of the N.P.U.; (2) only staunch C.F. supporters to hold office in N.P.U. branches; (3) C.F. lines to be denied to those who fail to sign the C.F. contract; (4) the N.P.U. to be invested with disciplinary powers to penalise those who infringe the C.F. contract. Such penalties to be exclusive of the £5 fine."

Yours faithfully,

Bath.

CYRIL PLAGERSON.

SIR,—I do not think the present time opportune for signing the agreement with the penalty clause, as proposed by the National Pharmaceutical Union. In the first place, the offences should have been printed on the form; secondly, at the present time many pharmacists are only too pleased to get any proprietaries to make up for losses in other directions. I am given to understand that the C.F. movement benefits the pharmacist, but, so far, not the manufacturer. I do not think this is quite an accurate view: I believe the manufacturers have benefited considerably. Recently I have been unable to purchase many well-known C.F. products which hitherto I have sold well, supported and bought direct. In many cases the manufacturers cannot supply direct, but only through wholesalers, yet these same lines I myself have seen in the multiples in ample quantities. On the other hand, I am still able to buy many good selling lines outside the C.F. scheme, direct and at best terms. Why should I in these difficult times take the long view and give up these good lines when many of the C.F. firms are able to dictate as to who can and who cannot have their goods. My critics tell me we must plan for the future, but in my opinion this planning for the future can be overdone. I do not think the outlook for pharmacy is so gloomy as many portray. I still believe that there will always be a good living for the pharmacist who knows his job, has confidence in himself and some personality. Have the C.F. manufacturers benefited by the scheme? I say "Yes." They have had

the support of the pharmacists, if not in full, to a very great degree. It is argued that the more retail points for the sale of a line the bigger the sale—that is the manufacturer's view. Yet if a number of chemists get together and form a properly registered wholesale company with only chemists as its shareholders, and undertaking to supply chemists only, that business cannot get on the list of C.F. wholesalers. I have been told that if they wish to get on the said list they must start a proprietary, and get it on the C.F. list. Why this back-door method? I think this new scheme should be deferred until the end of the war. There appears to be too much planning for the future and not enough of getting on with the job in hand.

Yours faithfully,
"X,"

Modern Pharmaceutical Policy

SIR,—Mr. King's frank rejection of idealism (*C. & D.*, February 28, p. 254) is typical of the outlook which has brought retail pharmacy to the present deplorable *impasse*. It is precisely because the average pharmacist has been more interested in getting the best living he can than in giving the best service he can that the wholesaler has been able to filch from him a service (synonym business) which was "too much trouble." There are a number of pharmacists today, among them some employed as branch managers, who find time to make many galenical preparations, and so meet more easily the competition which the less enterprising feel so keenly. One can easily understand why this practice is not viewed with favour by the multiple concerns. If pharmacy wants a "place in the sun" it will have to make this place for itself. This means seeking out and looking after the services which it can render. If the pharmacist ceases to play an essential role in the life of the community he will be eliminated. Mr. King recognises this and recommends—suicide.

Yours faithfully,
Birmingham. E. G. SPEAKMAN.

Appreciation

I have an inquiry on your excellent article and illustrations on "Transparent Plastic Materials as applied to Museum Specimens" (*C. & D.*, February 7, p. 177). May I congratulate you on your almost weekly series of these informative articles.
—Wm. M., Edinburgh.

MISCELLANEOUS INQUIRIES

Babies' Waterproof Knickers.—*T. T.*—The question whether coupons are required for these garments appears to turn on whether they contain any textile materials or are made exclusively of rubber. The revised edition of the "Clothing Coupon Quiz," issued by the Board of Trade, states that waterproof knickers for infants are exempt from the rationing order, i.e., coupons are required for their purchase.

Blacklead Pastes.—*O. B.*—The following are recommended formulas for blacklead pastes:—

1. Soap 4 oz.

Dissolve in about 1 oz. of boiling water and add:—

Graphite 1 oz.

2. Ceresin 4 parts

Oil of turpentine 25 parts

Lampblack 3 parts

Graphite 3 parts

Bay Rum.—*A. M. C.*—The following probably be suitable for your purpose:—

Oil of bay 10 dr.

Oil of pimento 1 dr.

Extract of quassia 1 oz.

Saponin 120 gr.

Acetic ether 2 oz.

Industrial methylated spirit .. 3 gall.

Water 2 gall.

Effervescent Tablets Containing Aspirin.—*S. C. S.*—The relative insolubility of aspirin in water would preclude its going into solution from a tablet such as you considering in any amount of water that would ordinarily be used for the draught. The question resolves itself into whether the effervescence caused by the effervescent base is sufficient to keep the aspirin in a reasonable suspension while the mixture is being taken. To this question only an actual test can provide the answer, probably a sufficient guide would be: the active ingredients and add them to a tumbler of water to which the effervescent base has already been added. We doubtful whether you can achieve your apparent object of administering aspirin in soluble form in an effervescent medium since while it is true that aspirin is soluble in alkalis, solution takes place only by saponification and with decomposition of acetylsalicylic acid. Moreover, if the active ingredients were present in the tablet and the tablet were kept in stock for any length of time, some degree of decomposition might occur caused by moisture present.

BURGOYNE'S BRONCHIAL EMULSION

A sound and popular specific—soothing, curative, strengthening



In three sizes

4 oz.	6/-	per dozen
8 "	9/-	" "
16 "	15/6	" "



4/- per doz. Jars



Tubes, 1 oz. 4/-
Also Analgesic Balm, Catarrh
Balm, Burn Jelly, 2 oz. 7/6

The Hall Mark of



Pharmaceutical Dependability



BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6

ALKALOIDS

FINE CHEMICALS & OPIUM DERIVATIVES

ALOID • ATROPINE • BISMUTH SALTS • CAFFEINE •
CANTHARIDIN • CAPSICIN • CHLOROFORM • CHRYSAROBIN •
CODEINE • DIAMORPHINE • ERGOTIN • ESERINE •
ETHYL-MORPHINE • GINGERIN • JALAP RESIN •
LEPTANDRIN • MORPHINE • OPIUM • PODOPHYLLIN RESIN •
SALICIN • SANTONIN • SCAMMONY RESIN • STRYCHNINE •
AND OTHER PHARMACEUTICAL CHEMICALS AND PREPARATIONS.

CHLORAL HYDRATE • EPHEDRINE

Goods covered by Dangerous Drugs Acts offered subject to all regulations

T. & H. SMITH LTD.

Blandfield Chemical Works, Edinburgh, 11
32 Virginia Street, Glasgow, C1.

And at London

CURACAO ALOES

Prompt Shipment from
origin

Licence obtained

ASTRIN BROS., LTD.

STAFFORD HOUSE

KING WILLIAM STREET

LONDON, E.C.4

Tel. Mansion House 4660

Your Photographic Department needs

**P.A.C. PHOTO
FINE**

A SCIENTIFIC
ACHIEVEMENT

Manufactured by
P.A.C. Photographic
Accessories &
Chemicals Ltd.
Epsom, Surrey.

CHEMICALS

LATITOL Developer Improvers:
DEGRAINOL SUPER DEGRAINOL
TANKRONOL

Developers:
LATITOL UNIVERSAL DEVELOPER
DEGRAINOL FINE GRAIN DEVELOPER
SUPER DEGRAINOL ULTRA FINE GRAIN DEVELOPER
TANKRONOL LATITUDE DEVELOPER
TANKRONOL HIGH SPEED DEVELOPER

Specialities:
DESENSIT—The New Desensitizing medium
RESISTOL—The Anti-scratch lacquer
GLAZINE—The High Gloss Glazing solution
UNIVOL—The Universal Toning chemical
FLOTO—The New anti-cockling mountant and
general adhesive
CHROMINOX—The New British Colour Developer
EMULSOL—The New Silver Bromide Sensitizer
CHEMICAL RETOUCHING SOLUTIONS

Home and Export enquiries to Sole Distributors:

MINOX LIMITED

5 VICTORIA STREET, LONDON, S.W.1
Abbey 1742

FULL DESCRIPTIVE LITERATURE UPON REQUEST

**BRITISH ALKALOIDS
AND FINE CHEMICALS**

WHIFFEN

BROMIDES IODIDES

MERCURIALS - ATROPINE
CAMPHOR - NICOTINE - NICOTINIC ACID
SALICIN - CAFFEINE - EMETINE
QUININE - STRYCHNINE - VERMILION
PRUNELLA - ESSENTIAL OILS
CLOVE OIL - SANDALWOOD OIL
ALMOND OIL - EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

WHIFFEN & SONS LTD.

INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

FULHAM, LONDON, S.W.6

'Phone FULHAM 0037. 'Grams "WHIFFEN, LONDON"

ALL BABIES THRIVE ON **Vitasac** Regd.

The **PERFECT BABY FOOD**
—BUT WE REGRET that owing to shortage of raw materials we are compelled to ration supplies. Every effort will be made to effect equitable distribution.

R. SUMNER & CO. LTD.
40 HANOVER STREET, LIVERPOOL, 1
Phone: Royal 6644

MANUFACTURERS OF
QUALITY DRUGS AND GALENICALS
SUPPLIERS OF ALL PROPRIETARIES
REGIONAL WHOLESALERS FOR MAW OF BARNET



*English
Filter*

POSTLIP
Papers

SQUARES
CIRCLES
FOLDED
ROLLS

WHITE
GREY
PLAIN
ANTIQUE
EMBOSSED
CRINKLED

SAMPLES
FREE



Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers

Evans, Adlard & Co Ltd

Postlip Mills, Winchcombe, Cheltenham

JKL

We Offer

BELLADONNA ROOT
COLCHICUM CORMS
DIGITALIS LEAVES
ERGOT of RYE
JALAP ROOT

Wholesalers only

JOHN KELLYS (LONDON) LTD.
27 OLD BROAD ST., E.C.2 KEL. 6186/9 (4 lines)
Telegrams: "Ergotine, Stock, London."

ETHYL CHLORIDE

CHLORYL ANAESTHETIC

(DUNCAN)

FOR GENERAL and LOCAL ANAESTHESIA
IT IS INDISPENSABLE IN THE SURGERY



Ethyl Chloride (Duncan) is perfectly free from
hydrochloric acid, empyreumatic bodies, etc.
It has a pleasant ethereal odour and its vapour
is non-irritating.

Descriptive
Booklet
and
Prices
on
Application

Supplied in 30 c.c. and 60 c.c. graduated flasks
or in 5 c.c. hermetically sealed ampoules.

May be had perfumed with Eau de Cologne
if desired.

DUNCAN, FLOCKHART & CO.

EDINBURGH and LONDON

104-8, Holyrood Road, 8

155-7 Farringdon Road, E.C.1

ASPIRIN

&

SALICYLATES

We are endeavouring to
distribute the limited
supplies available to our
many friends as equitably
as possible.

RAESSER SALICYLATES LIMITED

Manufacturers of Fine Chemicals

ANDYCROFT : Near Chester

Telephone: HAWARDEN 2125
Grams: "QUALITY" CHESTER

"Graesser"
QUALITY



PHENOL

META-PARA CRESOLS

ORTHO CRESOL

CRESYLIC ACIDS

XYLENOL MIXTURES

All prepared and standardised under direct
personal control backed by 40 years' experience

N. H. GRAESSER

The Chemical Works, SANDYCROFT, Nr. Chester
Grams: Graesser, Chester Phone: Hawarden 3104-5



ELVESOL Regd.
OINTMENT
The Supreme Healer
for Dermatitis and
other Skin Affections

ELVESOL LABORATORIES
WHITEFIELD, N. MANCHESTER.

There is a growing demand
for this ointment.

Packed in 2 doz. display outer

Profitable trade terms and
quantity discount may be had
on application.

Price 1/5 per tube (incl. tax)

Through all wholesalers or direct.

MILLAMALT

The TONIC MALT FOOD

Sole Manufacturers. With Guaranteed Complement of Vitamins A.B.C.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road.

TRIBASIC PHOSPHATE OF SODA

FREE RUNNING WHITE POWDER

Price and sample on application to:

PERRY & HOPE LIMITED
NITSHILL - GLASGOW

Senna

FROM OUR
OWN GROWERS

Alexandrian & Tinnevely
Pods, Leaves, Siftings

John Ronaldson & Co. Ltd.,
15 Seething Lane, London, E.C.3

Telephone
Royal 6864

A Real War-time Saver

Parmint has an added value
these days, when economy
is the watchword; economy
in materials as well as in
money.

Never let your custom-
ers forget that a one-ounce
bottle of Parmint (Double
Strength) makes half a pint
of excellent cough syrup!

PARMINT

Order through your Wholesaler
or direct from

INTERNATIONAL LABORATORIES, LTD.
CHARLBURY OXFORD

CHARLBURY 29

CELUNOX

Rheumatism Tablets

The Original Celery Treatment

Prices 1/9, 3/5 and 5/9 Inc. Tax
FROM ALL WHOLESALEERS

CELUNOX LTD. 125 HIGH HOLBORN
LONDON, W.C.1

Tele: HOLBORN 8331

PHARMAX LTD.

Trust that despite many difficulties
further supplies of

RALGEX

The standardised
RADIO-ACTIVE SOLID EMBROCATION
will shortly be available . . .

A further announcement will be made
IBEX HOUSE, MINORIES, E.C.3

“OXOID”

The word “OXOID” is the trade mark of OXO Ltd.,
and is used in connection with their therapeutical
preparations both in tablet and fluid extract form.
ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

“PITOXYLIN”

PITUITARY EXTRACT (POSTERIOR LOBE)

Prepared and standardised in accordance with
the provisions of the Therapeutic Substances
Act. Used for the Induction of Labour;
Uterine Inertia; Post Partum Hæmorrhage;
Surgical Shock; Diabetes Insipidus.

An approved and long established preparation.

Ampoules : 5, 10 and 20 International Units per c.c.

Glandular Therapy Booklet and “OXOID” Price List on application.

OXO LIMITED

Thames House, Queen Street Place, London, E.C.4

ELIXIR JAFFOL

To conform with requirements under the Food and Drugs Act, existing stock of Elixir Jaffol should carry an additional label on the bottle and carton.

If stockists will kindly advise how many bottles they have on hand, the necessary labels will be supplied.

Owing to deterioration in storage, Elixir Jaffol purchased prior to October, 1941, should be returned for credit.

We regret our inability to accept new orders for Elixir Jaffol owing to shortage of essential raw materials.

PRINTED WRAPPERS and ENVELOPES for SACCHARINE TABLETS

We offer, subject to being unsold, a limited quantity of Wrappers or Envelopes to those of our friends who regularly buy Saccharine Tablets in bulk.

We cannot open new accounts nor can we accept for prompt delivery orders for **Packed** Saccharine Tablets. Orders for Bulk should be limited to **4,000 Tablets—£1 5s. C.W.O.**

W. B. CARTWRIGHT, LTD., RAWDON, LEEDS



Sulis is a British Natural Mineral Water comparable both in mineral content and palate appeal to the German and French waters which are now practically unobtainable.

This water is taken direct from the Springs at Bath, Britain's Premier Spa, and sold in still or aerated form.

SULIS
THE BRITISH MINERAL WATER

Prices, discounts and full particulars from:
CATER, STOFFELL & FORTT, LTD., The Springs, BATH

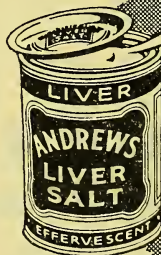
Living Profit Guaranteed 46 Years on the P.A.I.
Awarded Certificate of Merit at the Tasmanian
Exhibition, 1891

KEARSLEY'S (150 Years' Reputation)
WIDOW WELCH'S Original
FEMALE PILLS

10d. BOX PROFIT by ordering 1 dozen 2/10 s.
Bonus box given on every dozen (13). It pays
push this size.

N.B.—These Pills do not contain any deleterious
or prohibitive drugs, and can be sold with safety.

C. & G. KEARSLEY, LTD.
71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.
Established 1787 In the Reign of King George I.



The demand
is for
ANDREW'S

**with
COLDS & FLU
about**

**Make the Most of
your 'ASPRO' Display!**

**Stickers
& Showcards
Still
Available
but**

**EASE
MAKE
the
BEST
USE
of
ANY
YOU
HAVE!**

The latest paper control order has brought home to everyone how precious paper and board have become. We have always pointed out to chemists the importance to their own interests of using display material to the best advantage.

Now it has become a matter of vital concern to the nation. Existing stocks of showcards, stickers, etc., must be made to last. They cannot be replaced. Will you please help us by making the most of any 'ASPRO' showcards or stickers you already have. You will be doing the best possible service to your own business at the

present time. Colds and 'flu are about and 'ASPRO' is in great demand. So remember: continuous 'ASPRO' show will capitalise your shop the vast 'ASPRO' goodwill created by our advertising campaigns—just as though you paid for the advertisements yourself.

NOTE.—We can still supply display material on request. If your present show is really worn out put it with your other salvage and please write us for a new one.

ASPRO'

Made in England by
ASPRO LTD., Slough, Bucks.
Telephone: Slough 22381



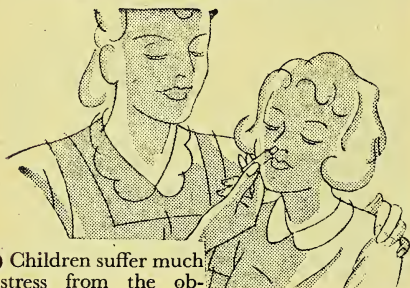
REPLENISH YOUR STOCKS OF SEVENSEAS NOW!

At all costs Britain must have cod liver oil. Despite the great risks at sea, our sailors and trawlermen are making a magnificent effort to meet the national need—bringing home supplies of cod liver oil which are going to keep the nation fit in the days ahead.

The other half of the job is *yours*—to see that your stocks of SevenSeaS are adequate for your future needs. Order your SevenSeaS *now*—and in your own interest continue to order well in advance of your actual needs. Make sure that you do not risk being out of stock through war difficulties—seen or unforeseen.

Issued by
**British Cod Liver Oil Producers (Hull)
Ltd., St. Andrew's Dock, Hull**

Nasal Colds and Sinusitis in CHILDREN



● Children suffer much distress from the obstruction due to nasal congestion, yet they mostly resent the use of sprays, irrigators, drops, tampons, or jellies, designed for its relief. KARSODRINE INHALER provides an admirable method of alleviating the condition. It is simplicity itself to use, and does not irritate the nasal passage or frighten the child. Even very young children quickly learn to use it, and enjoy the process.

Since it promotes maximal drainage and aeration, KARSODRINE INHALER minimizes the risk of complications such as paranasal sinusitis. Retail at 1/6d. (inc. tax).



Each Karsodrine Inhaler contains:

Amphetamine 0.330 gm.; Cineole 0.093 gm.; Ol. Citronell. 0.026 gm.; Methyl Salicyl. 0.023 gm.; Ol. Cedri 0.005 gm.; Menthol 0.049 gm.; Ol. Eucalypt. 0.089 gm.

Shows You Up To

5/2½d. Per Dozen Profit

even on small quantities when ordered with other "Griffiths Hughes" lines.

For Trade Terms apply E. GRIFFITHS HUGHES Ltd., Adelphi, Salford, 3, Manchester

A PRODUCT OF **E. G. LABORATORIES**



A Handful of HELP

Yestamin is helping hundreds of thousands today to fortify Nerves and build up Health, Strength and Confidence. Helping you, as well—to steady and profitable sales.



Strictly C.F.

YESTAMIN

THE ENGLISH GRAINS CO., LTD., BURTON-ON-TRE

ASTHMA

sufferers are always grateful if you recommend —

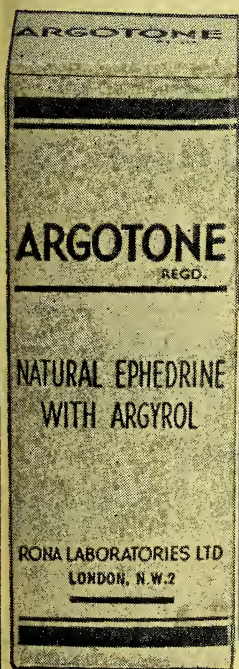
DR SINGHA ASTHMA TABLETS

The Original and still the Best Remedy for
ASTHMA, BRONCHIAL ASTHMA
AND BREATHING DIFFICULTIES
P.A.T.A. Terms from all Wholesale Houses
Prices: 1/6d., 5/-, 12/-, 20/-
(Exclusive of Purchase Tax)
THE DR. SINGHA CO., LTD.
Caernarvon, North Wales.

ARGOTONE

REGD.

**Natural Ephedrine with ARGYROL
for NASAL and EYE AFFECTIONS
and their Complications**



**Acute Rhinitis
Chronic Rhinitis
Catarrh
Sinusitis
Asthma
Hay Fever
Conjunctivitis**

Retail Price **3/7** Including
Purchase Tax

RONA Laboratories Ltd. 99 Oaklands Rd.
LONDON, N.W.2

Gladstone 5557

Dó-Dó

*the Asthma Tablet which is
on National Service
always!*



RETAIL PRICES
INCLUSIVE OF TAX
1/1½ 3/4½ 11/10

**INTERNATIONAL
LABORATORIES LTD**
CHARLBURY, Oxford • Charlbury 2



HIGHLY CONCENTRATED—CLEAN
AND ODOURLESS—IN BOTTLES



Do not hesitate to take
up this advertised line

Write for terms and prices to
CLEMO MFG. CO. LTD.

27 BURNT OAK BDY.
EDGWARE, MIDDLESEX

LOSALL'S
SALT IN TINS
1/1½ & 1/11
Including Purchase Tax

for GOUT,
RHEUMATISM,
ECZEMA and
SKIN
AFFECTIONS



A 'C.F.' line

**LOFTHOUSE & SALTMER
LIMITED HULL**



PINEOLEUM

BRAND

INHALANT

A CLASSIC FORMULA PREFERRED by PHYSICIANS for OVER 30 YEARS
STOCKS NOW AVAILABLE at the following prices

	Pre-Tax Retail Price	Suggested Retail Price with P. Tax
PINEOLEUM BRAND NEBULIZER OUTFIT, 45/- PER DOZ.	5/-	5/7½
PINEOLEUM BRAND INHALANT 100 c.c. BOTTLE, 45/- PER DOZ.	5/-	5/7½
PINEOLEUM BRAND INHALANT 15 c.c. BOTTLE, 13/6 PER DOZ. (in ½ doz. boxes)	1/6	1/8½
PINEOLEUM BRAND EPHEDRINE JELLY TUBES, 11/3 PER DOZ. (in ½ doz. boxes)	1/3	1/5

OBTAINABLE THROUGH YOUR USUAL WHOLESALE CHANNELS OR
DIRECT FROM SOLE DISTRIBUTORS FOR THE PINEOLEUM COMPANY

CHESEBROUGH MFG. CO. LTD.

VICTORIA ROAD, N.W.10

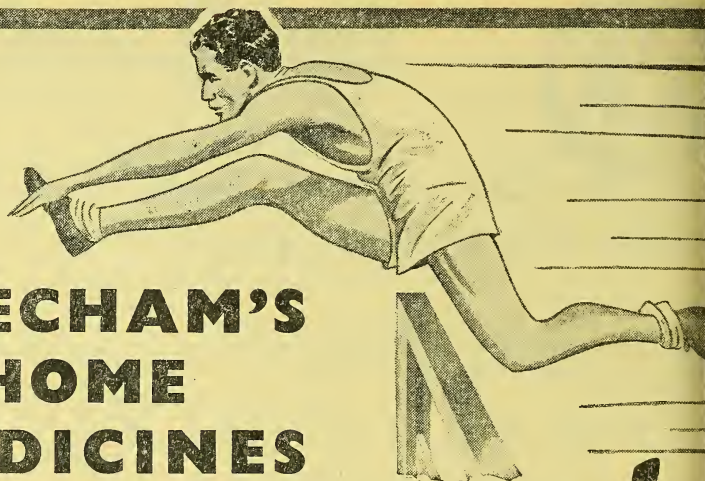
A message to — The Pharmaceutical and Allied Industries on — MEDICINES in GELATIN CAPSULES

War conditions require us to make certain readjustments in our activities. It is almost impossible to undertake much, if anything, in the way of new business. The high quality of our capsules is being maintained. Our research in England, Canada and U.S.A. continues to a degree which, when the war ceases, ensures that encapsulated medications of a higher standard than even now will be offered and available to appropriate British and Empire manufacturers.

The Rotary Die Process, developed by Gelatin Products, guarantees accuracy of dosage and protection of contents in a soluble, tasteless, odourless, gelatin capsule.

GELATIN PRODUCTS ^L/_D **SLOUGH, BUCKS**

TELEPHONE: SLOUGH 21241-2 TELEGRAMS: GELPRODS, SLOUGH



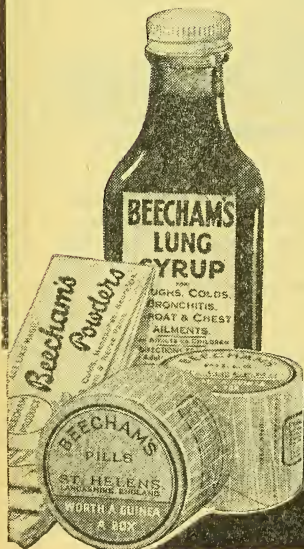
BEECHAM'S HOME MEDICINES

set the pace!

**KEEP UP YOUR STOCKS OF BEECHAM
PILLS, BEECHAM'S POWDERS, and
BEECHAM'S LUNG SYRUP**

Health will never take second place in the well-being of this nation, and those factors which help to maintain physical fitness are today *more important than ever*. The links you form with satisfied customers in times like these will hold firm when normal times return. For these reasons it will pay you to order Beecham's Home Medicines with an eye to current sales and the remarkable power of sales like these to build business for the future.

Show material is still available. Please write to:



BEECHAM'S PILLS LTD ST. HELENS LANGS.



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MARCH 7
1942

28, ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week.

MALL MANUFACTURING BUSINESS

Wanted to Purchase

Must include plant for compressing tablets. Arrangements could be made for Principals to retain an interest in the business, and for the staff to remain in employment. Correspondence will be treated in strict confidence. Please write in first instance to Solicitors,

Messrs. Wedlake, Letts & Birds
6 Stone Buildings, Lincoln's Inn
London, W.C.2

LOW WHITE PRIME REFINED SPERMACETI, B.P. FOR SALE

Interested parties write to

Co., 48 Farm Avenue, London, N.W.2.

Varnish in approx. 1/2 oz. bottles, 14s. doz. inc. of tax, in following shades:—Natural, Clear, Orchid, on, Flame, Old Rose, Blush Rose, Sunbronze.
VARNISH REMOVER, 10s. doz., inc. tax.
to be supplied in bulk, quotations on request (S.A.E.).
NETS, Substitute human hair, cap shape. Fine Elastic net invisible in wear. All shades enveloped 44s. gross inc. tin, 6 doz. *Cash with Orders.* **MARLENE PRODUCTS**
(in), 18, Waltham Avenue, Kingsbury, London, N.W.3

RECIPITATED CHALK

8% (15% moisture) in bags, for industrial purposes. Several hundred tons ready for delivery London area.

OILCAKES & OILSEEDS TRADING CO. LTD.
Stone House, Bishopsgate, London, E.C.2

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

“MARIE”

LOOP-ENDS SANITARY TOWELS

De Luxe

Retail 1/9

Quantity terms on application

Delivery Ex-stock

Cash with Order. Carriage Paid

JASON & STUART PRODUCTS LTD.
PLANE ST. MILLS, OLDHAM, LANCs.

GLYCERINE substitute

GLYCEROID

In ton lots £75 per ton. In cwt.
lots 80/- per cwt. Samples free.

AMBER CHEMICAL COMPANY LIMITED

Two Gates, Maidenhead Court
MAIDENHEAD, BERKS

APPOINTMENTS

CITY OF PLYMOUTH EDUCATION
COMMITTEE

PLYMOUTH AND DEVONPORT
TECHNICAL COLLEGE

Acting Principal: LEWIS DUCKETT, M.C., A.R.C.A.

A Full-time LECTURER (Man or Woman) in Pharmaceutical subjects required. Applicants must possess the Diploma of Pharmaceutical Chemist, and preferably be also Graduate in Pharmacy. Salary according to the Burnham Scale. Further particulars and form of application, to be returned by Wednesday, March 18th, 1942, may be obtained from the Education Offices, Cobourg Street, Plymouth.

ANDREW SCOTLAND, Director of Education.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

Persons already engaged on national work must not reply to any situation advertised.

None of the advertisements below relates to a woman between 20 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

References in advertisements to ages up to and including 19 or 31 years and over are permissible, but any employer wishing to mention a specific age between 20 and 30 must introduce words showing clearly that his announcement is addressed to one of the three exempted classes mentioned above.

RETAIL (HOME)

PHARMACY Superintendent. The Brighton Equitable Co-operative Society, Ltd., desires to thank all applicants for the foregoing position, and wishes to announce that an appointment has now been made.

The Guild of Public Pharmacists requests pharmacists not to apply for institutional posts where the rate of remuneration does not comply with the Guild scale.

LONDON, S.W.—Required experienced Assistant (male), qualified, for dispensing only. Write, giving full particulars, Box 866, Sells Ltd., Brettenham House, Strand, W.C.2.

LONDON, W.1. Pharmacist required. Age 40 or over. First-class Dispensary experience essential. Hours, 9 a.m. to 6 p.m. daily. Saturdays, 9 a.m. to 1 p.m. Commencing salary, £300 per annum. Apply in writing, stating age, experience and date when free to 398/603, London Office of this Paper.

SOUTHPORT. Qualified Assistant or Unqualified Assistant (male or female), not liable for military service. Applications stating age, experience, references, and wages required, to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

S. STAFFS. Qualified lady or gentleman (not liable for military service) either as locum for a considerable period or with view to permanency. Middle-class business, neutral area. Apply in first place, with references and salary required, and enclose photo if possible. Excellent house. Geo. Morris & Son, Market Place, Wednesbury.

SURREY. Residential district, 20 miles London, unqualified Lady or Gentleman Assistant required; permanency. 398/607, London Office of this Paper.

APPRENTICE Wanted. Apply 398/608, London Office of this Paper.

ASSISTANT required, either sex. Qualified or Unqualified. Reliable Dispenser, with pleasant counter manner. Permanency with good wages. Other staff kept. Apply in confidence, giving the usual particulars to Nicoll, Chemist, High Street, Bridgnorth, Salop.

ASSISTANT, Qualified preferred, Dispensing and Counter. Easy hours. Please state age and salary required. Apply, Crawford, Chemist, Horley, Surrey.

ASSISTANT required (either sex), qualified or unqualified, for dispensing and counter. No holiday or Sunday duty. State age, details of experience, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 33 Carr Street, Ipswich. Endorse envelope "Pharmacy."

CAPABLE Woman required, age between 30 and 40, with experience of chemist's business, to take charge of drug store in London. Must be able to control staff, a good stock-keeper and window-dresser. Excellent prospects for suitable applicant. Write 399/617, London Office of this Paper.

LADY Assistant (Unqualified) for duration of war, chiefly for Counter and Windows. No Sunday or holiday duty. Send full particulars of age, experience, references and wages required to Gloucester Co-operative and Industrial Society, Ltd, Brunswick Road, Gloucester.

LADY Dispenser required by Dr. Leslie, Goring-on-Thames, near Reading. Interesting ar varied work; some previous experience an advantage, but not essential. Reply with full details at state salary required.

LADY, qualified to manage branch pharmacy Kings Langley, Herts. No Sunday duty; congenial hours: Apply, with full particulars of age, experience, references, age, and wages required, to The Secretary, H. B. Figg Ltd., Chemists, Barnet, Herts.

LADY, qualified, for busy middle-class pharmacy John H. Smith Co., Bridge Street, Newark.

MANAGER required for branch near Redhill Surrey. Permanency and good prospect living accommodation. Apply, stating age and usual particulars, to H. Hocken, Ltd., 33 Station Road, Redhill.

PHARMACY: Qualified and Unqualified Assistant required to replace employees who have been mobilised. Applicants should not be liable for military service, or under the national Employment Order. Apply in writing, stating age and experience to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.1. Endorse envelope "Pharmacy."

QUALIFIED Assistant wanted for a Pharmacy near East Croydon station. Write full particulars 399/621, London Office of this Paper.

QUALIFIED Assistant (male or female), not liable for military service. Temporary. No Sunday or holiday duty. Applications stating age, experience, references and wages required to: Gloucester Co-operative and Industrial Society, Ltd., Brunswick Road, Gloucester.

QUALIFIED lady or gentleman Manager (exempt from military service). Good sales hand and window dresser essential. Full particulars, salary, age, references, etc., to Boultonwood Chemists Ltd., 2 Broadway Market, Barking, Essex.

QUALIFIED and Unqualified Assistant required Send full particulars with age and salary required. 398/609, London Office of this Paper.

QUALIFIED Manager required for middle-class family business, Surrey. Accommodation available. Suit an active middle-aged man or woman. Permanent congenial post. Write 399/618, London Office of this Paper.

REQUIRED immediately, Qualified or Unqualified Assistant for busy Dispensing business. Reception area. No Sunday duty. Please state salary required and previous experience in first letter. H. G. Rix, 30 Church Street, Caversham, Reading.

ST. BARTHOLOMEW'S HOSPITAL, E.C. Assistant Pharmacists, male, exempt from military service, required for duration. Salary in accordance with the London Voluntary Hospitals scale. Applications, giving full particulars of experience, etc., and accompanied by recent testimonials, etc., should be sent immediately to J. Court, Pharmacist to the Hospital.

TAYLORS BRITISH CHEMISTS will shortly have vacancies for Managers and Qualified Assistant male or female, in the following districts: Liverpool, Wolverhampton, Todmorden, Durham, Leeds, Manchester, Hull, Cumberland. Give details in first letter and also state suitable day for interview. Write Retail Staff Dept., Burley Hill, Leeds.

TWO Ladies, unqualified, for busy Pharmacy Full particulars. Good remuneration. John H. Smith Co., 10 Bridge Street, Newark.

THE Brightside and Carbrook Co-operative Society Limited require qualified Chemists, male or female, as branch managers. Permanencies offered to suitable applicants. State age, wage, and experience to 10A Ridgeway Road, Sheffield 2.

UNQUALIFIED Assistant (Male), exempt military service, required for Counter and N.H.I. Dismissing. No Sunday duty. Please state salary required and usual particulars to Harywards (Chemists) Ltd., 128 Church Road, Redfield, Bristol, 5.

UNQUALIFIED Assistant (male or female) required for busy pharmacy. No Sunday or half-day duties. This is a temporary post whilst member staff is serving with His Majesty's Forces. Reply letter, stating full particulars, to Leek & Moor-ods, Co-operative Society, Limited, Russell Street, Leek, Staff., not later than Thursday, 12th March, 1942.

WANTED, for Drug Department, unqualified Assistant, male or female; permanent position. Permanent scheme in operation. Apply, stating experience, and salary required, to Secretary, Co-operative Society Ltd., Cromford Road, Langley, Notts, not later than first post Thursday, March 12th.

WANTED immediately, capable Dispenser, M.P.S. or Hall qualification. No Sunday or half-day duty. Apply, with usual particulars, to D. H. Terhouse, M.P.S., 282 Ealing Road, Alperton, W. Ux., W. Phone: Wembley 5047.

WANTED, competent Assistant for good-class country business. H. Meynell, Tenterden.

WOMEN between 35 and 45 years of age. Opportunity to learn chemist's counter business and post-war effort in replacing younger girls for other jobs. Congenial and interesting work. Salary to commence, £2 per week and more, according to previous shop experience. Vacancies in various London districts. Please express preference. Applications should be addressed to Retail Staff Manager, Messrs. The Chemists, 70 Vauxhall Bridge Road, London, S.W.1.

WHOLESALE

ABLE gentleman or lady required with knowledge of Chemicals as Assistant in merchant's business. 399/614, London Office of this Paper.

ELL & SONS, LTD., Silverdale Works, Liverpool, 13, require one or two Representatives for personal and sales ability, to carry the George Pet Remedy Line amongst chemists, dog shops, etc. Apply with full particulars to the above address. LONDON Manufacturing Chemists require Order Clerk, either sex, above military age, for Buying Dept. Previous experience in the trade an advantage. 398/600, London Office of this Paper.

Leading Ethical House require Analytical Chemist with B.Pharm. or B.Sc. degree, also with experience in Bacteriological Work. Apply with full particulars of qualifications, experience, etc., in strictest confidence to 399/623, London Office of this Paper.

MANUFACTURING Chemist required to make and exploit marvellous new ointment, Government approved. Reply in confidence to 398/602, London Office of this Paper.

AL Maker and Coater required. Apply, Allen & Hanburys, Ltd., Ware, Herts.

ALLIED Lady Chemist as Works Manageress, N.W. London Food Factory. 399/622, London Office of this Paper.

AVELLERS wanted in all parts to sell good lines on commission basis. Write or call, Adams & Co., Ltd., 300 Kingston Road, Merton, London, S.W.20. Liberty 1065.

WORKS Manager, Qualified Chemist, required for London House, manufacturing Compressed Gases, etc. Excellent opportunity for man of initiative. Must be good organiser and able to control staff. Some previous manufacturing experience essential. The appointment offers considerable possibilities for advancement. Full details of experience, stating age and salary required. 3948, London Office of this Paper.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word. None of the advertisements below relates to a woman between 20 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

RETAIL

QUALIFIED, disengaged, 9½ years last position as Manager; over military age. O.B.A.C. Apply, 113 North Street, Belfast.

WHOLESALE

GENTLEMAN, 37, exempt, 18 years' Retail; Unqualified; requires position as Representative. Motorist. West of England preferred. Zingit, 43 Hill House Road, Downend, Bristol.

LIVE and energetic Representative is open to represent House of Repute in Nine Counties, South and South-west England. Has sound personal connexion amongst Chemists, Stores, and Ladies' Hairdressers, having consistently and regularly covered these territories for a number of years. First-class Representation and good business is therefore assured and on reasonable terms. Interview willingly arranged. Full details on request to CDB/962, London Office of this Paper.

LADY Traveller (31), good connexion among chemists in Surrey and Hampshire, desires war-time post with reputable house. Drugs, Proprietaries or perfumery. 399/620, London Office of this Paper.

ORGANIC Chemist with vast research and manufacturing experience, able to provide new lines, alive to war necessities, desires position. Not liable for military service. Manchester or Liverpool preferred. Useful business contacts. 399/619, London Office of this Paper.

QUALIFIED Chemist (refugee), special experience in manufacturing work, seeks post in chem-pharm., factory (wholesale), or pharmacy. Best references. 399/615, London Office of this Paper.

SHOPFITTERS

MYERS OF OLD ST. THE PHARMACY FITTERS

ALL PHARMACY FITTINGS. New and Secondhand.

—From the single unit—

to the complete Pharmacy

Write, phone or call

L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

LIQUID TOILET SOAPS. Plain, 5/- gallon Windsor, 5/6 gallon, Lavender, 6/- gallon Tax paid. LIQUID DISINFECTANT SOAPS. Carbolic, 3/- gallon; Pine, 3/3 gallon in 40-gallon Casks only. Carriage Paid. KAOLIN, B.P. 1½-cwt. bags. 25/- cwt. d/d. GUMSTRAGAC. PULV. Waste II. at 11/- lb. cwt. lots, d/d. FRENCH CHALK, SUPER. 26/- per 100 lb. TALC, SUPER WHITE. 60/- per 2-cwt. bags. FRUIT SENNA, Hand-picked Alex. 5-lb. and 10-lb. bags, at 5/6 per lb. All C.W.O. Prices.

Also: Ac. Citric, Ac. Tart, Gum Arabic, Creta Praecip., Cera, Yellow and White. Prices on application to

HENSHAW, M.P.S., Wyke Regis, DORSET

POTASH Permanganate for Sale, 5 drums each 1 cwt., ex London. Walter Goldhill, 5 Manstone Road, London, N.W.2.

PREMISES TO LET

AT Hackney. Good position in Mare Street. Lock-up Shop with basement, rent 35s. per week inclusive. Apply, Mr. Merry, 4 South Place, Moor-gate, London, E.C.2.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

GLASGOW.—For immediate sale (health reasons), small sound chemist's business in populous residential area. Particulars from Dixon, Erskine & Co., Solicitors, 117 Douglas Street, Glasgow.

NORWICH.—We have instructions to dispose of the late Mr. Parr's business at Prince of Wales Road. Turnover last year, £1,795. Scope under energetic proprietor. Corner lock-up shop; stock worth £425. Further details from sole agents, Berdoe & Fish, 41 Argyle Square, London, W.C.1.

ESTABLISHED Chemist's Business in S.W. London. Lock-up shop, well fitted, at bus stop near station. Present weekly takings average £35-40; gross profit, 37 per cent. Lease, 10½ years; present rent, £87 10s. per annum. Audit figures for last 10 years. Bargain price, £850 a.a. Genuine reason for sale. 399/613, London Office of this Paper.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ADVERTISER wholesaler wishes to contact registered manufacturer of face powder, bath crystals, perfumes, nail varnish. Also requires ½-oz. to 16-oz. jars, and bottles suitable haircream, Brilliantine, nail varnish, etc. 398/604, London Office of this Paper.

ASPIRIN powder, crystals or granules, B.P. required. Also phenolphthalein, in large or small quantities for cash. Write or telephone J. Brummer, 26 Fairhold Road, N.16. (Sta. 3177.)

ASPIRIN and Saccharin, any quantities for cash; also Filling Machine. Harringtons, 2 Berridge Green, Edgware, Middlesex. Edg. 3610.

BRILLIANTINE, Hair Cream, Perfume, etc.; bottles, large and small quantities required; also black opal and amber jars, 1-16 oz.; also nail varnish bottles, and other cosmetic and toilet preparations, bottles and jars. Send 397/574, London Office of this Paper.

EXTRACT Galega. Urgently required. Please quote price and quantity available. Reply to Langham Chemical Co., Ltd., Hyde Heath, Amersham, Bucks.

KENT'S Military Hair Brushes, 1 only, No. 161 to make a pair for presentation. State price. 398/610, London Office of this Paper.

MANESTY "B" Rotary Tablet Compressing Machine in good condition, with or without motor, preferably with complete set of dies and punches, for ¾-in. Tablets. Details and price to 398/601, London Office of this Paper.

MEDICINAL Paraffin, Paraff. Liq. Lewis, and White Technical Oil, up to 40 gallons of each, per delivery. Samples, etc. 398/605, London Office of this Paper.

OILS or Fats and Glycerine, also Block Stearine wanted. Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

WANTED by England's largest photographic dealers, All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED, Emulsifying Machine, hand or power-driven. Send full particulars, 398/606, London Office of this Paper.

WANTED, quantity of Styptic Pencil Cases, or similar, suitable for lipsticks. Please forward sample and price to 398/611, London Office of this Paper.

BUSINESS OPPORTUNITIES

AN opportunity will shortly arise for acquiring interest in an old-established, historic Pharmaceutical House in Central London. Small plant and electric power. Great opportunity for development and introduction of new lines, for which capital would be required. Only replies from persons who will be considered. No agents. Applications in strictest confidence to 399/616, London Office of this Paper.

TABLET Manufacturers are in a position to accept Contracts or Sub-Contracts for tableting (including Saccharin) in large or small quantities. Packing facilities also available and prompt delivery assured. CDB/955, London Office of this Paper.

TABLET Making. Well-known Manufacturers undertake additional contracts, or sub-contracts for compressed medicinal or food tablets (customers' own materials if required). Large order, high quality work. All orders carried out under strict analytical control. CDB/961, London Office of this Paper.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

ESTABLISHED company marketing several well-known products are open to consider having two or three further products, either proprietary articles or drugs. Write in first instance to CDB/961, London Office of this Paper.

FOR SALE (Retailers' Surplus)

7/6 for 36 words or less, 2d. for every additional word.

BOTTLES, 1-oz. tall, square, wide mouth, black bakelite cap, suitable for nail varnish remover, hand cream, etc., 2s. 6d. doz.; 4-oz. round jars, with metal screw caps, 3s. 6d. doz. with order. Carriage forward. H. S. Bottle, 29 Sherwood Hall, East End Road, London, N.2.

OERTLING Balance, old type, in glass case; reflex. Perfect order. Offers. J. W. Hutchings, Skelmersdale, nr. Ormskirk.

1 CWT. AIRTIGHT TINS IN CASES. Used once for packing Milk Powder. Fully sealed with circular press-in lid, all free from rust. St. cases slightly soiled externally. Apply CDB/961, London Office of this Paper.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free of charge from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately if employment has been secured.

WHOLESALE

UNQUALIFIED Dispenser, Counter and Ward Dressing experience, also Hospital Dispenser and Ward Duties; West Bromwich or district. CDB/925, London Office of this Paper.

UNIVERSITY Graduate commerce, 43, who has very successfully represented Messrs. B. & C. Cod Liver Oil Producers, Ltd., Hull ("Seven Seas") during the last seven years on the South-West of England territory, is now available, owing to scarcity of supply, for temporary new representation. CDB/926, London Office of this Paper.

Beauty in the Services



The **WAAF**

Alert and capable, she does her war job with real zest, and still finds time to keep her complexion fresh and lovely with the aid of her favourite beauty soap.



*In the Service
of Beauty*

*The name to
remember for*

PILLS & TABLETS

ESTABLISHED
OVER
100
YEARS



ARTHUR H.

COX

& CO. LTD

BRIGHTON, ENGLAND

